

Chhattisgarh Public Service Commission

Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

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General Knowledge on Chhattisgarh

Mandatory or Optional: Mandatory

Question Number : 1 Question Id : 9593761651 Question Type : MCQ

Correct : 2 Wrong : 1

Dandor word related with_____.

Options :

- ✓ Sarguja
- ✗ Bastar
- ✗ Rajnandgaon
- ✗ Khairagarh
- ✗ None of the other option

Question Number : 1 Question Id : 9593761651 Question Type : MCQ

Correct : 2 Wrong : 1

दाण्डोर शब्द संबंधित है-

Options :

- ✓ सरगुंजा
- ✗ बस्तर
- ✗ राजनान्दगांव

4. ✖ खैरागढ़

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 2 Question Id : 9593761652 Question Type : MCQ

Correct : 2 Wrong : 1

Where is Deorani-Jethani temple in Chattisgarh situated?

Options :

1. ✖ Ratanpur

2. ✖ Kanker

3. ✖ Dantewada

4. ✔ Talagaon

5. ✖ None of the other option

Question Number : 2 Question Id : 9593761652 Question Type : MCQ

Correct : 2 Wrong : 1

देवरानी जेठानी मंदिर छत्तीसगढ़ में कहाँ विद्यमान है?

Options :

1. ✖ रतनपुर

2. ✖ कांकेर

3. ✖ दंतेवाड़ा

4. ✔ तालागांव

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 3 Question Id : 9593761653 Question Type : MCQ

Correct : 2 Wrong : 1

In which place Ratnakar Jha related as a freedom fighter?

Options :

1. ✖ Raipur

2. ✖ Rajnandgaon

3. ✖ Bilaspur

4. ✖ Raigarh

5. ✔ None of the other option

Question Number : 3 Question Id : 9593761653 Question Type : MCQ

Correct : 2 Wrong : 1

रत्नाकर झा किस स्थान के स्वतंत्रता संग्राम सेनानी थे?

Options :

1. ✖ रायपुर
2. ✖ राजनान्दगांव
3. ✖ बिलासपुर
4. ✖ रायगढ़
5. ✔ अन्य विकल्पों में से कोई नहीं

Question Number : 4 Question Id : 9593761654 Question Type : MCQ

Correct : 2 Wrong : 1

In Surat Congress 1907, who participated as a member of Chattisgarh?

Options :

1. ✔ Pt. Sundarlal Sharma
2. ✖ Pt. Ravishankar Shukla
3. ✖ Pt. Lochan Prasad Pandey
4. ✖ Shri. Narayan Rao Meghawale
5. ✖ None of the other option

Question Number : 4 Question Id : 9593761654 Question Type : MCQ

Correct : 2 Wrong : 1

सूरत कांग्रेस 1907 में छत्तीसगढ़ का प्रतिनिधित्व सदस्य के रूप में किसने किया था?

Options :

1. ✔ पं. सुन्दरलाल शर्मा
2. ✖ पं. रविशंकर शुक्ला
3. ✖ पं. लोचन प्रसाद पाण्डे
4. ✖ श्री. नारायणराव मेघावाले
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 5 Question Id : 9593761655 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following pair (tribal revolt in Chhattisgarh and leader) is correctly matched?

Options :

1. ✖ Bhopalpatnam Revolt 1795 - Kora Majhi
2. ✖ Lingagiri Revolt 1856-57 - Dalganjan Singh
3. ✖ Koi Revolt 1859 - Jugga Dorla
4. ✔ Muriya Revolt 1876 - Jhada Sirha
5. ✖ Bastar Revolt 1910 - Dinanath

Question Number : 5 Question Id : 9593761655 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सी जोड़ी (छत्तीसगढ़ में जनजाती विद्रोह एवं नेता) सुमेलित है?

Options :

1. ✖ भोपालपटनम् विद्रोह 1795 - कोरा मांझी
2. ✖ लिंगगिरी विद्रोह 1856-57 - दलगंजन सिंह
3. ✖ कोई विद्रोह 1859 - जुग्गा डोरला
4. ✔ मुरिया विद्रोह 1876 - झाड़ा सिरहा
5. ✖ बस्तर विद्रोह 1910 - दीनानाथ

Question Number : 6 Question Id : 9593761656 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following pair (European Traveller in Chhattisgarh and Maratha Ruler) is correctly matched?

Options :

1. ✖ Forester - Bimbaji Bhonsale
2. ✖ Colebrooke - Parsojji Bhonsale
3. ✔ Captain Blunt - Vyanko Ji Bhonsale
4. ✖ Charles grant - Appa Saheb Bhonsale
5. ✖ Crawford - Purshoji Bhonsale

Question Number : 6 Question Id : 9593761656 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सी जोड़ी (छत्तीसगढ़ में युरोपियान यात्री एवं मराठा शासक) सुमेलित है?

Options :

1. ✖ फारेस्टर - बिम्बाजी भोंसले
2. ✖ कोलब्रूक - परसों जी भोंसले
3. ✔ केप्टन ब्लंट - व्यंकोजी भोंसले
4. ✖ चार्ल्स ग्रांट - अप्पासाहब भोंसले
5. ✖ क्राफर्ड - पुरषोजी भोंसले

Question Number : 7 Question Id : 9593761657 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following pair (kalchuri temple, Math and king) is not correctly matched?

Options :

1. ✖ Prithvideveshwar Temple, Tumman - Prithvi Dev I
2. ✖ Vishnu Temple, Janjgir - Jajalla Dev I
3. ✔ Shiv Temple, Pali - Prithivi Dev II
4. ✖ Laxman Temple, Kharod - Ratna Dev -II
5. ✖ Dudhadhari Math, Raipur - Jai Singh Dev

Question Number : 7 Question Id : 9593761657 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सी जोड़ी (कलचुरी मंदिर, मठ एवं राजा) सुमेलित नहीं है?

Options :

1. ✖ पृथ्वीदेवेश्वर मंदिर, तुम्माण - पृथ्वीदेव प्रथम
2. ✖ विष्णु मंदिर, जांजगीर - जाजल्लदेव प्रथम
3. ✔ शिव मंदिर, पाली - पृथ्वीदेव द्वितीय
4. ✖ लक्ष्मण मंदिर, खरौद - रत्नदेव द्वितीय
5. ✖ दुधाधारीमठ, रायपुर - जयसिंह देव

Question Number : 8 Question Id : 9593761658 Question Type : MCQ

Correct : 2 Wrong : 1

The highest peak in Chhattisgarh State is _____.

Options :

1. ✖ Main pat
2. ✖ Jarang pat
3. ✖ Pendra pat
4. ✔ Samari pat
5. ✖ None of the other option

Question Number : 8 Question Id : 9593761658 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ प्रदेश में सबसे उंचा पाट है-

Options :

1. ✖ मैनपाट
2. ✖ जारंगपाट

3. ✖ पेन्ड्रापाट

4. ✔ सामरीपाट

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 9 Question Id : 9593761659 Question Type : MCQ

Correct : 2 Wrong : 1

In which of the following hemispheres Chhattisgarh State is situated?

Options :

1. ✔ Northern and Eastern

2. ✖ Southern and Eastern

3. ✖ Northern and Western

4. ✖ Southern and Western

5. ✖ None of the other option

Question Number : 9 Question Id : 9593761659 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य निम्नलिखित में से किस गोलार्ध में स्थित है?

Options :

1. ✔ उत्तरी और पूर्वी

2. ✖ दक्षिणी और पूर्वी

3. ✖ उत्तरी और पश्चिमी

4. ✖ दक्षिणी और पश्चिमी

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 10 Question Id : 9593761660 Question Type : MCQ

Correct : 2 Wrong : 1

Which is the largest in geographical region of Chhattisgarh?

Options :

1. ✖ Sarguja Besin

2. ✖ Jashpur Samari Pat region

3. ✔ Mahanadi Besin

4. ✖ Dandakaranya region

5. ✖ None of the other option

Question Number : 10 Question Id : 9593761660 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ के भौगोलिक क्षेत्र में सबसे बड़ा कौन है?

Options :

1. ✖ सरगुजा बेसिन
2. ✖ जशपुर सामरी पाट प्रदेश
3. ✔ महानदी बेसिन
4. ✖ दन्डाकारण्य
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 11 Question Id : 9593761661 Question Type : MCQ

Correct : 2 Wrong : 1

The cave of Kutumbsar is in:

Options :

1. ✖ Janjgir
2. ✖ Raigarh
3. ✔ Bastar
4. ✖ Mahasamund
5. ✖ None of the other option

Question Number : 11 Question Id : 9593761661 Question Type : MCQ

Correct : 2 Wrong : 1

कुटुम्बसर की गुफा है-

Options :

1. ✖ जांजगीर
2. ✖ रायगढ़
3. ✔ बस्तर
4. ✖ महासमुंद
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 12 Question Id : 9593761662 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following district is biggest in area?

Options :

1. ✖ Raipur
2. ✔ Kondagaon
3. ✖ Bemetara
4. ✖ Balod
5. ✖ None of the other option

Question Number : 12 Question Id : 9593761662 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित जिलों में कौन क्षेत्रफल में सबसे बड़ा है?

Options :

1. ✖ रायपुर
2. ✔ कोंडागांव
3. ✖ बेमेतरा
4. ✖ बालोद
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 13 Question Id : 9593761663 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following districts has the lowest percentage share of scheduled cast according to census of 2011?

Options :

1. ✖ Kanker
2. ✖ Dantewada
3. ✖ Narayanpur
4. ✔ Bastar
5. ✖ None of the other option

Question Number : 13 Question Id : 9593761663 Question Type : MCQ

Correct : 2 Wrong : 1

वर्ष 2011 की जनगणना के अनुसार निम्नलिखित में से किस जिले में अनुसूचित जाति का प्रतिशत हिस्सा सबसे कम है?

Options :

1. ✖ कांकेर
2. ✖ दन्तेवाड़ा
3. ✖ नारायणपुर
4. ✔ बस्तर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 14 Question Id : 9593761664 Question Type : MCQ

Correct : 2 Wrong : 1

Which district has lowest literacy in Chhattisgarh State according to the census 2011?

Options :

1. ✖ Sukma

- 2. ✖ Narayanpur
- 3. ✔ Bijapur
- 4. ✖ Dantewada
- 5. ✖ None of the other option

Question Number : 14 Question Id : 9593761664 Question Type : MCQ

Correct : 2 Wrong : 1

वर्ष 2011 की जनगणना के अनुसार छत्तीसगढ़ राज्य में सबसे कम साक्षरता वाला जिला कौन सा है?

Options :

- 1. ✖ सुकमा
- 2. ✖ नारायणपुर
- 3. ✔ बीजापुर
- 4. ✖ दन्तेवाड़ा
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 15 Question Id : 9593761665 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following award has not been received the Government of Chhattisgarh for Computerization of public distribution system?

Options :

- 1. ✖ National E. Governance Award
- 2. ✖ E. India Award
- 3. ✖ C. S. I. E. Governance Award
- 4. ✔ C. F. I. E. Governance Award
- 5. ✖ None of the other option

Question Number : 15 Question Id : 9593761665 Question Type : MCQ

Correct : 2 Wrong : 1

सार्वजनिक वितरण प्रणाली के कम्प्यूटीकरण हेतु छत्तीसगढ़ सरकार को निम्न में से कौन सा अवार्ड प्राप्त नहीं हुआ है?

Options :

- 1. ✖ नेशनल ई. गवर्नेंस अवार्ड
- 2. ✖ ई. इंडिया अवार्ड
- 3. ✖ सी. एस आई. ई. गवर्नेंस अवार्ड
- 4. ✔ सी. एफ. आई. ई. गवर्नेंस अवार्ड

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 16 Question Id : 9593761666 Question Type : MCQ

Correct : 2 Wrong : 1

What is the Central Government's contribution in grants to small and marginal farmer's lender 'Shakambhari' scheme in Chhattisgarh?

Options :

- 1. ✖ 60 percent
- 2. ✖ 50 percent
- 3. ✔ 35 percent
- 4. ✖ 25 percent
- 5. ✖ None of the other option

Question Number : 16 Question Id : 9593761666 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में 'शाकम्भरी' योजना के अन्तर्गत छोटे एवं सीमांत कृषकों के अनुदान में केन्द्र सरकार का योगदान क्या है?

Options :

- 1. ✖ 60 प्रतिशत
- 2. ✖ 50 प्रतिशत
- 3. ✔ 35 प्रतिशत
- 4. ✖ 25 प्रतिशत
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 17 Question Id : 9593761667 Question Type : MCQ

Correct : 2 Wrong : 1

In Which year Chhattisgarh State Forest Development Corporation came into existence?

Options :

- 1. ✖ May 2003
- 2. ✖ June 2002
- 3. ✔ May 2001
- 4. ✖ June 2001
- 5. ✖ None of the other option

Question Number : 17 Question Id : 9593761667 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य वन विकास निगम किस वर्ष अस्तित्व में आया?

Options :

1. ✖ मई 2003
2. ✖ जुन 2002
3. ✔ मई 2001
4. ✖ जुन 2001
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 18 Question Id : 9593761668 Question Type : MCQ

Correct : 2 Wrong : 1

Which is not covered under the “National Agricultural Development Scheme” in Chhattisgarh State?

Options :

1. ✖ Orchard Programme
2. ✖ Fruit Diversification
3. ✔ Unconserved Cultivation
4. ✖ Fruit Exhibition Programme
5. ✖ None of the other option

Question Number : 18 Question Id : 9593761668 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में ‘राष्ट्रीय कृषि विकास योजना’ के अन्तर्गत किसे शामिल नहीं किया गया है?

Options :

1. ✖ फल - वाटिका कार्यक्रम
2. ✖ फल - विविधीकरण
3. ✔ असंरक्षित खेती
4. ✖ फल प्रदर्शनी कार्यक्रम
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 19 Question Id : 9593761669 Question Type : MCQ

Correct : 2 Wrong : 1

In which project division ‘Surpagandha’ medicinal plant is planted in Chhattisgarh State?

Options :

1. ✔ Barnavapara-Kawardha
2. ✖ Antagarh-Konta
3. ✖ Sarguja
4. ✖ Panabaras

5. ✖ None of the other option

Question Number : 19 Question Id : 9593761669 Question Type : MCQ

Correct : 2 Wrong : 1

निम्न में से किस परियोजना मण्डल में 'सर्पगंधा' नामक वनोषधि का रोपण छत्तीसगढ़ में किया गया है?

Options :

1. ✔ बारनवापार-कवर्धा
2. ✖ अन्तागढ़-कोंटा
3. ✖ सरगुजा
4. ✖ पांनाबरस
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 20 Question Id : 9593761670 Question Type : MCQ

Correct : 2 Wrong : 1

Which is the growth rate of Net State Domestic Product of Chhattisgarh at constant prices of 2004-05 in the year 2013-14?

Options :

1. ✖ 5.86 percent
2. ✖ 4.99 percent
3. ✖ 4.31 percent
4. ✔ 2.96 percent
5. ✖ None of the other option

Question Number : 20 Question Id : 9593761670 Question Type : MCQ

Correct : 2 Wrong : 1

वर्ष 2013-14 में 2004-05 की स्थिर कीमती पर छत्तीसगढ़ राज्य के विशुद्ध घरेलू उत्पाद की आर्थिक वृद्धि दर क्या है?

Options :

1. ✖ 5.86 प्रतिशत
2. ✖ 4.99 प्रतिशत
3. ✖ 4.31 प्रतिशत
4. ✔ 2.96 प्रतिशत
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 21 Question Id : 9593761671 Question Type : MCQ

Correct : 2 Wrong : 1

What is correct about tendered vote & ballot paper?

- i. It is same as any other ballot paper used at the polling centre.
- ii. It is issued to blind voters.
- iii. It is dropped in the ballot box.
- iv. It is the last ballot paper issued to the polling centre.
- v. It is casting of vote through electronic voting machine.
- vi. It is given to the Presiding Officer in his hand.
- vii. It is the technical terminology of postal ballot paper.
- viii. In general conditions no need to count it.

Options :

- 1. ✗ i, iii, iv, viii
- 2. ✗ ii, iii, iv, vi
- 3. ✓ i, iv, vi, viii
- 4. ✗ iv, v, vii, viii
- 5. ✗ None of the other option

Question Number : 21 Question Id : 9593761671 Question Type : MCQ

Correct : 2 Wrong : 1

निविदत मत और मतपत्र के विषय में सही क्या है?

- i. यह मतदान केन्द्र में उपयोग किए जाने वाले मतपत्रों के समान होता है।
- ii. यह अंधे मतदाताओं को दिया जाता है।
- iii. यह मतपेटी में डाला जाता है।
- iv. यह मतदान केन्द्र को प्रदत्त अन्तिम मतपत्र होता है।
- v. यह इलेक्ट्रॉनिक वोटिंग मशीन से मतदान करना है।
- vi. यह पीठासीन अधिकारी के हाथ में दिया जाता है।
- vii. यह डाक मतपत्र की तकनीकी शब्दावली है।
- viii. सामान्य परिस्थितियों में इनकी गणना करना आवश्यक नहीं है।

Options :

- 1. ✗ i, iii, iv, viii
- 2. ✗ ii, iii, iv, vi
- 3. ✓ i, iv, vi, viii
- 4. ✗ iv, v, vii, viii
- 5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 22 Question Id : 9593761672 Question Type : MCQ

Correct : 2 Wrong : 1

In which act 'tenure holder', Government lessee, 'land revenue' and 'rent' is defined?

Options :

1. ✖ Chhattisgarh Land Revenue Code 1956
2. ✔ Chhattisgarh Land Revenue Code 1959
3. ✖ Chhattisgarh Land Revenue Code 2000
4. ✖ Chhattisgarh Land Revenue Code 2004
5. ✖ None of the other option

Question Number : 22 Question Id : 9593761672 Question Type : MCQ

Correct : 2 Wrong : 1

किस अधिनियम में 'भुधारी', 'सरकारी पट्टेदार', 'भुराजस्व' और 'लगान' को परिभाषित किया गया है?

Options :

1. ✖ छत्तीसगढ़ भूराजस्व संहिता 1956
2. ✔ छत्तीसगढ़ भूराजस्व संहिता 1959
3. ✖ छत्तीसगढ़ भूराजस्व संहिता 2000
4. ✖ छत्तीसगढ़ भूराजस्व संहिता 2004
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 23 Question Id : 9593761673 Question Type : MCQ

Correct : 2 Wrong : 1

What is correct of the following?

- (i) 20% of Sarpanch who are ex-officio member of Janpad Panchayat can be member of standing committee of Janpad Panchayat.
- (ii) 20% of Sarpanch who are ex-officio member of Janpad Panchayat cannot be the member of standing committee of Janpad Panchayat
- (iii) 20% of Sarpanch who are ex-officio member of Janpad Panchayat, their tenure is one year.
- (iv) 20% of Sarpanch who are ex-officio members of Janpad Panchayat, their tenure is five years.
- (v) 20% of Sarpanch who are ex-officio members of Janpad Panchayat can be given remembrance.
- (vi) 20% of Sarpanch who are ex-officio members of Janpad Panchayat cannot be given remembrance.
- (vii) 20% of Sarpanch who are ex-officio members of Janpad Panchayat are selected by the President of Janpad Panchayat.
- (viii) 20% of Sarpanch who are ex-officio members of Janpad Panchayat are selected by lottery.

Options :

1. ✖ i, iii, v, vii
2. ✖ ii, iv, vi, viii

3. ✖ i, iv, v, viii
4. ✔ ii, iii, vi, viii
5. ✖ i, iii, vi, vii

Question Number : 23 Question Id : 9593761673 Question Type : MCQ

Correct : 2 Wrong : 1

निम्न में से सही क्या है?

- i. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, जनपद पंचायत की स्थायी समितियों के सदस्य हो सकते हैं।
- ii. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, जनपद पंचायत की स्थायी समितियों के पदेन सदस्य नहीं हो सकते।
- iii. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, का कार्यकाल एक वर्ष होता है।
- iv. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, का कार्यकाल 5 वर्ष होता है।
- v. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, को पुनर्सदस्यता दी जा सकती है।
- vi. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, को पुनर्सदस्यता नहीं दी जा सकती।
- vii. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, चयन जनपद पंचायत के अध्यक्ष के द्वारा की जाती है।
- viii. 20% सरपंच जो जनपद पंचायत के पदेन सदस्य होते हैं, का चयन लॉट द्वारा किया जाता है।

Options :

1. ✖ i, iii, v, vii
2. ✖ ii, iv, vi, viii
3. ✖ i, iv, v, viii
4. ✔ ii, iii, vi, viii
5. ✖ i, iii, vi, vii

Question Number : 24 Question Id : 9593761674 Question Type : MCQ

Correct : 2 Wrong : 1

In Janpad Panchayat or Zila Panchayat except the elected member, who can be a member?

Options :

1. ✖ Nominated member
2. ✔ Ex-officio member

- 3. ✖ Member appointed by Governor
- 4. ✖ Minority members
- 5. ✖ None of the other option

Question Number : 24 Question Id : 9593761674 Question Type : MCQ

Correct : 2 Wrong : 1

जनपद पंचायत अथवा जिला पंचायत में निर्वाचित सदस्यों के अलावा, कौन सदस्य होता है?

Options :

- 1. ✖ नामांकित सदस्य
- 2. ✔ पदेन सदस्य
- 3. ✖ राज्यपाल द्वारा नियुक्त सदस्य
- 4. ✖ अल्पसंख्यक सदस्य
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 25 Question Id : 9593761675 Question Type : MCQ

Correct : 2 Wrong : 1

Who said, "If our independence is to reflected the people's voice, greater the powers to Panchayats, the better for the people."?

Options :

- 1. ✔ Pt. Jawahar Lal Nehru
- 2. ✖ Lal Bahadur Shastri
- 3. ✖ Mahatma Gandhi
- 4. ✖ Deendayal Upadhyay
- 5. ✖ Atal Bihari Bajpeyi

Question Number : 25 Question Id : 9593761675 Question Type : MCQ

Correct : 2 Wrong : 1

किसने कहा "यदि हमारी स्वाधीनता को जनता की आवाज की प्रतिध्वनि बनाना है तो पंचायतों को जितनी अधिक शक्ति मिले, जनता के लिए उतना ही अच्छा है"?

Options :

- 1. ✔ पं जवाहार लाल नेहरू
- 2. ✖ लाल बहादुर शास्त्री
- 3. ✖ महात्मा गांधी
- 4. ✖ दीनदयाल उपाध्याय

5. ✖ अटल बिहारी बाजपेयी

Question Number : 26 Question Id : 9593761676 Question Type : MCQ

Correct : 2 Wrong : 1

Which articles of Constitution talks of the formation of Gram Panchayat in the State?

Options :

1. ✖ Article 53
2. ✖ Article 51
3. ✖ Article 19
4. ✔ Article 40
5. ✖ None of the other option

Question Number : 26 Question Id : 9593761676 Question Type : MCQ

Correct : 2 Wrong : 1

संविधान के किस अनुच्छेद में राज्य को ग्राम पंचायतों की स्थापना का निर्देश दिया गया है?

Options :

1. ✖ अनुच्छेद 53
2. ✖ अनुच्छेद 51
3. ✖ अनुच्छेद 19
4. ✔ अनुच्छेद 40
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 27 Question Id : 9593761677 Question Type : MCQ

Correct : 2 Wrong : 1

Which district is industrially most developed in Chhattisgarh?

Options :

1. ✖ Raigarh
2. ✔ Durg
3. ✖ Raipur
4. ✖ Bilaspur
5. ✖ None of the other option

Question Number : 27 Question Id : 9593761677 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में औद्योगिक दृष्टि से सर्वाधिक विकसित जिला कौन सा है?

Options :

1. ✖ रायगढ़
2. ✔ दुर्ग
3. ✖ रायपुर
4. ✖ बिलासपुर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 28 Question Id : 9593761678 Question Type : MCQ

Correct : 2 Wrong : 1

In which district of Chhattisgarh Catechu Industry is situated?

Options :

1. ✖ Bastar
2. ✔ Sarguja
3. ✖ Dantewada
4. ✖ Jashpur
5. ✖ None of the other option

Question Number : 28 Question Id : 9593761678 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में कत्था उद्योग किस जिले में स्थित है?

Options :

1. ✖ बस्तर
2. ✔ सरगुजा
3. ✖ दन्तेवाड़ा
4. ✖ जशपुर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 29 Question Id : 9593761679 Question Type : MCQ

Correct : 2 Wrong : 1

In dolomite production in 2011-12, What is the rank of Chhattisgarh State in the country?

Options :

1. ✖ Second
2. ✔ First
3. ✖ Fourth
4. ✖ Third
5. ✖ None of the other option

Question Number : 29 Question Id : 9593761679 Question Type : MCQ

Correct : 2 Wrong : 1

वर्ष 2011-12 में डोलोमाइट के उत्पादन में छत्तीसगढ़ राज्य का देश में कौन सा स्थान है?

Options :

1. ✖ द्वितीय
2. ✔ प्रथम
3. ✖ चतुर्थ
4. ✖ तृतीय
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 30 Question Id : 9593761680 Question Type : MCQ

Correct : 2 Wrong : 1

In which district the Sikasar Project is situated?

Options :

1. ✖ Mahasamund
2. ✖ Dhamtari
3. ✖ Kanker
4. ✖ Balod
5. ✔ None of the other option

Question Number : 30 Question Id : 9593761680 Question Type : MCQ

Correct : 2 Wrong : 1

सिकासार परियोजना किस जिले में स्थित है?

Options :

1. ✖ महासमुंद
2. ✖ धमतरी
3. ✖ कांकेर
4. ✖ बालोद
5. ✔ अन्य विकल्पों में से कोई नहीं

Question Number : 31 Question Id : 9593761681 Question Type : MCQ

Correct : 2 Wrong : 1

In which district there is no coal deposit?

Options :

1. ✔ Bastar
2. ✖ Korba
3. ✖ Korla

- 4. ✖ Raigarh
- 5. ✖ None of the other option

Question Number : 31 Question Id : 9593761681 Question Type : MCQ

Correct : 2 Wrong : 1

किस जिले में कोयले का निक्षेप नहीं है?

Options :

- 1. ✔ बस्तर
- 2. ✖ कोरबा
- 3. ✖ कोरिया
- 4. ✖ रायगढ़
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 32 Question Id : 9593761682 Question Type : MCQ

Correct : 2 Wrong : 1

Which one of the following is not a non-conventional Source of energy?

Options :

- 1. ✔ Nuclear energy
- 2. ✖ Solar energy
- 3. ✖ Wind energy
- 4. ✖ Tidal energy
- 5. ✖ None of the other option

Question Number : 32 Question Id : 9593761682 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित में कौन-सा गैरपरम्परागत उर्जा स्रोत नहीं है?

Options :

- 1. ✔ परमाणु उर्जा
- 2. ✖ सौर उर्जा
- 3. ✖ पवन उर्जा
- 4. ✖ ज्वारीय उर्जा
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 33 Question Id : 9593761683 Question Type : MCQ

Correct : 2 Wrong : 1

Who is the writer of the book “Chhattisgarhi Bhasha Ka Udvikas”?

Options :

1. ✓ Dr. Narendra Dev Varma
2. ✗ Dr. Shankar Shesh
3. ✗ Dr. Vinay Kumar Pathak
4. ✗ Dr. Bhal Chandra Tailang
5. ✗ None of the other option

Question Number : 33 Question Id : 9593761683 Question Type : MCQ

Correct : 2 Wrong : 1

“छत्तीसगढ़ी भाषा का उद्विकास” पुस्तक के लेखक कौन है?

Options :

1. ✓ डॉ.नरेन्द्र देव वर्मा
2. ✗ डॉ.शंकर शेष
3. ✗ डॉ.विनय कुमार पाठक
4. ✗ डॉ.भालचंद्र तैलंग
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 34 Question Id : 9593761684 Question Type : MCQ

Correct : 2 Wrong : 1

Which is the book written by Rewaram Babu of Ratanpur (Chhattisgarh)?

- (i) Ramashwa Megh
- (ii) Vikram Vilas
- (iii) Gita Madhav Mahakavya

Options :

1. ✗ Only i
2. ✗ Only ii
3. ✗ Only iii
4. ✓ i, ii and iii
5. ✗ None of the other option

Question Number : 34 Question Id : 9593761684 Question Type : MCQ

Correct : 2 Wrong : 1

रतनपुर (छत्तीसगढ़) के रेवाराम बाबू द्वारा लिखित पुस्तक कोन सी है?

- i. रामाश्व मेघ
- ii. विक्रम विलास
- iii. गीतामाधव महाकाव्य

Options :

1. ✗ केवल i

2. ✖ केवल ii
3. ✖ केवल iii
4. ✔ i, ii और iii
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 35 Question Id : 9593761685 Question Type : MCQ

Correct : 2 Wrong : 1

What is 'Dadaria'?

Options :

1. ✔ Love Song
2. ✖ Bhakti Song (Worship Song)
3. ✖ Dance Song
4. ✖ Festival Song
5. ✖ None of the other option

Question Number : 35 Question Id : 9593761685 Question Type : MCQ

Correct : 2 Wrong : 1

'ददरिया' क्या है?

Options :

1. ✔ प्रणय गीत
2. ✖ भक्ति गीत
3. ✖ नृत्य गीत
4. ✖ त्यौहार गीत
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 36 Question Id : 9593761686 Question Type : MCQ

Correct : 2 Wrong : 1

Where the Bamalai Devi's temple is located in Chhattisgarh?

Options :

1. ✖ Khairagarh
2. ✔ Dongargarh
3. ✖ Raipur
4. ✖ Ratanpur
5. ✖ None of the other option

Question Number : 36 Question Id : 9593761686 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में बमलाई देवी का मंदिर कहाँ है?

Options :

1. ✖ खैरागढ़
2. ✔ डोंगरगढ़
3. ✖ रायपुर
4. ✖ रतनपुर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 37 Question Id : 9593761687 Question Type : MCQ

Correct : 2 Wrong : 1

When is the “Guara Geet” sung?

Options :

1. ✖ Janmastami
2. ✖ Ganesh Chaturthi
3. ✖ Navratri
4. ✔ Deepawali
5. ✖ None of the other option

Question Number : 37 Question Id : 9593761687 Question Type : MCQ

Correct : 2 Wrong : 1

‘गौरा-गीत’ कब गाते हैं?

Options :

1. ✖ जन्माष्टमी
2. ✖ गणेश चतुर्थी
3. ✖ नवरात्रि
4. ✔ दीपावली
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 38 Question Id : 9593761688 Question Type : MCQ

Correct : 2 Wrong : 1

Who are the main characters of the Chhattisgarhi Lokgayan (Folk Song) “Foolbasan”?

Options :

1. ✖ Hidimba and Bheem
2. ✖ Dropati and Arjun
3. ✔ Sita and Laxman
4. ✖ Lorik and Chanda

5. ✖ None of the other option

Question Number : 38 Question Id : 9593761688 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ी लोकगायन "फूलबासन" के मुख्य पात्र कौन हैं?

Options :

1. ✖ हिडिम्बा और भीम
2. ✖ द्रौपदी और अर्जुन
3. ✔ सीता और लक्ष्मण
4. ✖ लोरिक और चन्दा
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 39 Question Id : 9593761689 Question Type : MCQ

Correct : 2 Wrong : 1

Who perform the Panthi Nritya (Dance) in Chhattisgarh?

Options :

1. ✖ Kabir panthi
2. ✔ Satnami
3. ✖ Tribals
4. ✖ Raut
5. ✖ None of the other option

Question Number : 39 Question Id : 9593761689 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में "पंथीनृत्य" कौन करते हैं?

Options :

1. ✖ कबीर पंथी
2. ✔ सतनामी
3. ✖ आदिवासी
4. ✖ राऊत
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 40 Question Id : 9593761690 Question Type : MCQ

Correct : 2 Wrong : 1

Where is origin of "Mahanadi"?

Options :

1. ✖ Rajim

- 2. ❌ Shivri Narayan
- 3. ✅ Sihava (Pharsiya)
- 4. ❌ Mahasamund
- 5. ❌ None of the other option

Question Number : 40 Question Id : 9593761690 Question Type : MCQ

Correct : 2 Wrong : 1

महानदी का उद्गम कहाँ है?

Options :

- 1. ❌ राजिम
- 2. ❌ शिवरी नारायण
- 3. ✅ सिहावा (फरसिया)
- 4. ❌ महासमुन्द
- 5. ❌ अन्य विकल्पों में से कोई नहीं

Question Number : 41 Question Id : 9593761691 Question Type : MCQ

Correct : 2 Wrong : 1

Why the "Jogimara" is famous?

Options :

- 1. ❌ Sculpture
- 2. ❌ Silk craft
- 3. ❌ Dhokala shilp (Bell Metal)
- 4. ❌ Wooden craft
- 5. ✅ None of the other option

Question Number : 41 Question Id : 9593761691 Question Type : MCQ

Correct : 2 Wrong : 1

"जोगीमारा" क्यों प्रसिद्ध है?

Options :

- 1. ❌ मुर्ती कला
- 2. ❌ कोसा शिल्प
- 3. ❌ ढोकला शिल्प
- 4. ❌ काष्ठ शिल्प
- 5. ✅ अन्य विकल्पों में से कोई नहीं

Question Number : 42 Question Id : 9593761692 Question Type : MCQ

Correct : 2 Wrong : 1

What is the meaning of Chhattisgarhi riddle “Ek parra lai, Badar ma Chhariyai”?

Options :

1. ❌ Lai (Parched Peddy)
2. ❌ Dant (Teeth)
3. ✅ Chandaini (stars)
4. ❌ Murra (Parched Rice)
5. ❌ None of the other option

Question Number : 42 Question Id : 9593761692 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ी जनरुला “एक परा लाई, बादर मा छरियाई” का क्या अर्थ है?

Options :

1. ❌ लाई (धान की लाई)
2. ❌ दांत
3. ✅ चंदैनी (तारे)
4. ❌ मुरा (मुरमुरा)
5. ❌ अन्य विकल्पों में से कोई नहीं

Question Number : 43 Question Id : 9593761693 Question Type : MCQ

Correct : 2 Wrong : 1

What is the dialect of “Bhataranat”?

Options :

1. ❌ Halbi
2. ❌ Gondi
3. ❌ Gadbi
4. ❌ Chhattisgarhi
5. ✅ None of the other option

Question Number : 43 Question Id : 9593761693 Question Type : MCQ

Correct : 2 Wrong : 1

“भतरानाट” की बोली क्या है?

Options :

1. ❌ हल्बी
2. ❌ गोंडी
3. ❌ गदबी
4. ❌ छत्तीसगढ़ी

5. ✓ अन्य विकल्पों में से कोई नहीं

Question Number : 44 Question Id : 9593761694 Question Type : MCQ

Correct : 2 Wrong : 1

What is the meaning of Chhattisgarhi idiom "Ek langhan, Ek farhar"?

Options :

1. ✓ Nichchat Garib (Very poor)
2. ✗ Upas (Fast)
3. ✗ Ek samay upas (One time fast)
4. ✗ Farhar (Diet of fruits only)
5. ✗ None of the other option

Question Number : 44 Question Id : 9593761694 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ी मुहावरा "एक लांघन एक फरहार" का क्या अर्थ है?

Options :

1. ✓ निचचट गरीब (अत्यंत गरीब)
2. ✗ उपास (उपवास)
3. ✗ एक समय उपास (एक समय उपवास)
4. ✗ फरहार (फलाहार)
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 45 Question Id : 9593761695 Question Type : MCQ

Correct : 2 Wrong : 1

Who inaugurated "Purkhouti Mukangan" in naya Raipur?

Options :

1. ✗ Smt. Pratibha Devi Singh Patil
2. ✓ Dr. A.P.J. Abdul Kalam
3. ✗ Shri Pranab Mukherjee
4. ✗ Shri K.R Narayanan
5. ✗ None of the other option

Question Number : 45 Question Id : 9593761695 Question Type : MCQ

Correct : 2 Wrong : 1

नया रायपुर में "पुरखौती मुंक्तागन" का उद्घाटन किसने किया था?

Options :

1. ✗ श्रीमती प्रतिभा देवी सिंह पाटिल

2. ☒ डॉ. ए. पी. जे. अब्दुल कलाम
3. ☐ श्री. प्रणब मुखर्जी
4. ☐ श्री. के. आर. नारायणन
5. ☐ अन्य विकल्पों में से कोई नहीं

Question Number : 46 Question Id : 9593761696 Question Type : MCQ

Correct : 2 Wrong : 1

Indira kala sangeet vishwa-vidyalaya khairagarh was named after the following.

Options :

1. ☐ Smt Indira Gandhi
2. ☐ Indra Nooyi
3. ☒ Rajkumari Indira Devi
4. ☐ Indira Joshi
5. ☐ None of the other option

Question Number : 46 Question Id : 9593761696 Question Type : MCQ

Correct : 2 Wrong : 1

निम्नलिखित में से किसके नाम पर "इंदिरा कला संगीत विश्वविद्यालय" खैरागढ़ का नाम रखा गया?

Options :

1. ☐ श्रीमती इंदिरा गांधी
2. ☐ इंद्रा नुयी
3. ☒ राजकुमारी इंदिरा देवी
4. ☐ इंदिरा जोशी
5. ☐ अन्य विकल्पों में से कोई नहीं

Question Number : 47 Question Id : 9593761697 Question Type : MCQ

Correct : 2 Wrong : 1

When the Sardar Vallabh Bhai Patel international Hockey stadium situated at Raipur was dedicated?

Options :

1. ☐ October 2015
2. ☒ November 2015
3. ☐ December 2015
4. ☐ January 2016
5. ☐ None of the other option

Question Number : 47 Question Id : 9593761697 Question Type : MCQ

Correct : 2 Wrong : 1

रायपुर स्थित सरदार वल्लभ भाई पटेल अंतराष्ट्रीय हाकी स्टेडियम का लोकार्पण कब हुआ?

Options :

1. ✖ अक्टूबर 2015
2. ✔ नवम्बर 2015
3. ✖ दिसम्बर 2015
4. ✖ जनवरी 2016
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 48 Question Id : 9593761698 Question Type : MCQ

Correct : 2 Wrong : 1

Free computer education programme for school girls students by Chhattisgarh Government is -

Options :

1. ✖ Sarv Shiksha Abhiyan
2. ✖ Indira Sahara Yojna
3. ✖ Padho, Padhabo, School jao Campaign
4. ✔ Chhattisgarh Suchna Shakti Yojna
5. ✖ None of the other option

Question Number : 48 Question Id : 9593761698 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ शासन द्वारा स्कूली छात्राओं हेतु निःशुल्क कम्प्यूटर शिक्षा योजना है-

Options :

1. ✖ सर्वशिक्षा अभियान
2. ✖ इंदिरा सहारा योजना
3. ✖ पढ़ाओ, पढ़ाओ, स्कूल जाओ अभियान
4. ✔ छत्तीसगढ़ सूचना शक्ति योजना
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 49 Question Id : 9593761699 Question Type : MCQ

Correct : 2 Wrong : 1

“Kalpvriksha” yojna in Chhattisgarh was started to provide employment to:

Options :

1. ✓ Scheduled Tribe women
2. ✗ Scheduled Tribe men
3. ✗ Scheduled caste women
4. ✗ Scheduled caste men
5. ✗ None of the other option

Question Number : 49 Question Id : 9593761699 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ में "कल्पवृक्ष योजना" किसको रोजगार उपलब्ध कराने के उद्देश्य से प्रारंभ की गई है?

Options :

1. ✓ अनुसूचित जनजाति की महिलाओं को
2. ✗ अनुसूचित जनजाति के पुरुषों को
3. ✗ अनुसूचित जाति के पुरुषों को
4. ✗ अनुसूचित जाति की महिलाओं को
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 50 Question Id : 9593761700 Question Type : MCQ

Correct : 2 Wrong : 1

Who is the present chairman of Chhattisgarh Rajbhasha Aayog?

Options :

1. ✗ Shri Shyam lal Chaturvedi
2. ✗ Shri Daneshwar Sharma
3. ✓ Dr. Vinay Pathak
4. ✗ Shri Rajendra Pambhoi
5. ✗ None of the other option

Question Number : 50 Question Id : 9593761700 Question Type : MCQ

Correct : 2 Wrong : 1

छत्तीसगढ़ राजभाषा के वर्तमान अध्यक्ष कौन हैं?

Options :

1. ✗ श्री. श्यामलाल चतुर्वेदी
2. ✗ श्री. जानेश्वर शर्मा
3. ✓ डॉ. विनय पाठक
4. ✗ श्री. राजेन्द्र पामभोई

5. ✖ अन्य विकल्पों में से कोई नहीं

Forensic Physics

Mandatory or Optional:

Mandatory

Question Number : 51 Question Id : 9593761701 Question Type : MCQ

Correct : 2 Wrong : 1

The First Responding Officer of the Scene of Crime (SOC) is to undertake the following works in the sequence at the scene of crime.

- I. Documentation of provided information and scene of crime
- II. Not to become a causality
- III. Provide the emergency care
- IV. Secure and control the scene
- V. Assess the resources required at the scene and their arrangement.

The best work sequence to gather effective evidence from the SOC is:

Options :

1. ✔ I, II, III, IV, V
2. ✖ III, II, I, IV, V,
3. ✖ IV, I, II, III, V
4. ✖ I, III, II, V, IV
5. ✖ II, III, IV, V, I

Question Number : 51 Question Id : 9593761701 Question Type : MCQ

Correct : 2 Wrong : 1

The First Responding Officer of the Scene of Crime (SOC) is to undertake the following works in the sequence at the scene of crime.

- I. Documentation of provided information and scene of crime
- II. Not to become a causality
- III. Provide the emergency care
- IV. Secure and control the scene
- V. Assess the resources required at the scene and their arrangement.

The best work sequence to gather effective evidence from the SOC is:

Options :

1. ✔ I, II, III, IV, V
2. ✖ III, II, I, IV, V,
3. ✖ IV, I, II, III, V
4. ✖ I, III, II, V, IV
5. ✖ II, III, IV, V, I

Question Number : 52 Question Id : 9593761702 Question Type : MCQ

Correct : 2 Wrong : 1

The Investigating Officer is to process the following work of crime investigation of at the scene of crime in the order as detailed in:

- I. Collection of clue materials
- II. Protection of Scene of Crime
- III. Packing and Labelling
- IV. Sketching and Photography of scene of crime
- V. Maintenance of Daily dairy

Options :

1. ✗ I, III, IV, II, V
2. ✓ II, IV, I, III, V
3. ✗ V, I, IV, II, III
4. ✗ V, IV, II, III, I
5. ✗ II, V, IV, I, III

Question Number : 52 Question Id : 9593761702 Question Type : MCQ

Correct : 2 Wrong : 1

The Investigating Officer is to process the following work of crime investigation of at the scene of crime in the order as detailed in:

- I. Collection of clue materials
- II. Protection of Scene of Crime
- III. Packing and Labelling
- IV. Sketching and Photography of scene of crime
- V. Maintenance of Daily dairy

Options :

1. ✗ I, III, IV, II, V
2. ✓ II, IV, I, III, V
3. ✗ V, I, IV, II, III
4. ✗ V, IV, II, III, I
5. ✗ II, V, IV, I, III

Question Number : 53 Question Id : 9593761703 Question Type : MCQ

Correct : 2 Wrong : 1

Corroborative Evidence is:

Options :

1. ✗ Evidence that refutes other evidence
2. ✗ Evidence that links an individual with a particular location
3. ✓ Evidence that confirms to other evidences
4. ✗ Evidence that associates an individual with another individual
5. ✗ Evidence that determinate the sequence of events

Question Number : 53 Question Id : 9593761703 Question Type : MCQ

Correct : 2 Wrong : 1

Corroborative Evidence is:

Options :

1. ✖ Evidence that refutes other evidence
2. ✖ Evidence that links an individual with a particular location
3. ✔ Evidence that confirms to other evidences
4. ✖ Evidence that associates an individual with another individual
5. ✖ Evidence that determinate the sequence of events

Question Number : 54 Question Id : 9593761704 Question Type : MCQ

Correct : 2 Wrong : 1

The limitation of the scene of crime reconstruction is that the evidence:

Options :

1. ✖ Usually provide the less information than needed
2. ✖ May have been staged
3. ✖ Can overwhelm the laboratory
4. ✔ Supports only one sequence of events
5. ✖ Unable to provide the uncollected evidence

Question Number : 54 Question Id : 9593761704 Question Type : MCQ

Correct : 2 Wrong : 1

The limitation of the scene of crime reconstruction is that the evidence:

Options :

1. ✖ Usually provide the less information than needed
2. ✖ May have been staged
3. ✖ Can overwhelm the laboratory
4. ✔ Supports only one sequence of events
5. ✖ Unable to provide the uncollected evidence

Question Number : 55 Question Id : 9593761705 Question Type : MCQ

Correct : 2 Wrong : 1

Atomic Absorption Spectroscopy is used for the analysis of:

Options :

1. ✖ Solvents
2. ✖ Non-metallic Elements
3. ✔ Metallic Elements
4. ✖ Volatile Elements

5. ✖ Carrier Gases

Question Number : 55 Question Id : 9593761705 Question Type : MCQ

Correct : 2 Wrong : 1

Atomic Absorption Spectroscopy is used for the analysis of:

Options :

1. ✖ Solvents
2. ✖ Non-metallic Elements
3. ✔ Metallic Elements
4. ✖ Volatile Elements
5. ✖ Carrier Gases

Question Number : 56 Question Id : 9593761706 Question Type : MCQ

Correct : 2 Wrong : 1

In Neutron activation analysis the sample is bombarded with:

Options :

1. ✖ Alpha Radiation
2. ✖ Beta Radiation
3. ✖ UV Radiation
4. ✖ LASER
5. ✔ Neutrons

Question Number : 56 Question Id : 9593761706 Question Type : MCQ

Correct : 2 Wrong : 1

In Neutron activation analysis the sample is bombarded with:

Options :

1. ✖ Alpha Radiation
2. ✖ Beta Radiation
3. ✖ UV Radiation
4. ✖ LASER
5. ✔ Neutrons

Question Number : 57 Question Id : 9593761707 Question Type : MCQ

Correct : 2 Wrong : 1

The deviation in Beer- Lambert Law in absorption spectroscopy becomes evident at:

Options :

1. ✖ Low concentration of absorbing molecule
2. ✖ Lower pH ionic strength
3. ✔ High concentration of absorbing molecule
4. ✖ Lower refractive index absorbing molecules

5. ✖ Monochromatic absorption radiation

Question Number : 57 Question Id : 9593761707 Question Type : MCQ

Correct : 2 Wrong : 1

The deviation in Beer- Lambert Law in absorption spectroscopy becomes evident at:

Options :

1. ✖ Low concentration of absorbing molecule
2. ✖ Lower pH ionic strength
3. ✔ High concentration of absorbing molecule
4. ✖ Lower refractive index absorbing molecules
5. ✖ Monochromatic absorption radiation

Question Number : 58 Question Id : 9593761708 Question Type : MCQ

Correct : 2 Wrong : 1

Potentiometry and Colorimetry are the techniques named as

Options :

1. ✖ Optical technique
2. ✖ Iso-electrical technique
3. ✖ Isothermal technique
4. ✖ Chemical technique
5. ✔ Electro-chemical technique

Question Number : 58 Question Id : 9593761708 Question Type : MCQ

Correct : 2 Wrong : 1

Potentiometry and Colorimetry are the techniques named as

Options :

1. ✖ Optical technique
2. ✖ Iso-electrical technique
3. ✖ Isothermal technique
4. ✖ Chemical technique
5. ✔ Electro-chemical technique

Question Number : 59 Question Id : 9593761709 Question Type : MCQ

Correct : 2 Wrong : 1

The most important factor affecting the mobility of that molecule in electrophoresis depends on the :

Options :

1. ✖ Strength of the electrical field

2. ☒ Net charge, size and shape of a molecule
3. ☐ Ionic Strength of the buffer
4. ☐ Viscosity of the support media or gels
5. ☐ Increasing pore size

Question Number : 59 Question Id : 9593761709 Question Type : MCQ

Correct : 2 Wrong : 1

The most important factor affecting the mobility of that molecule in electrophoresis depends on the :

Options :

1. ☐ Strength of the electrical field
2. ☒ Net charge, size and shape of a molecule
3. ☐ Ionic Strength of the buffer
4. ☐ Viscosity of the support media or gels
5. ☐ Increasing pore size

Question Number : 60 Question Id : 9593761710 Question Type : MCQ

Correct : 2 Wrong : 1

The most common detector used in HPLC equipment is:

Options :

1. ☒ UV Detector
2. ☐ Fluorescence Detector
3. ☐ Refractive Index Detector
4. ☐ Electro Chemical Detector
5. ☐ PMT Detector

Question Number : 60 Question Id : 9593761710 Question Type : MCQ

Correct : 2 Wrong : 1

The most common detector used in HPLC equipment is:

Options :

1. ☒ UV Detector
2. ☐ Fluorescence Detector
3. ☐ Refractive Index Detector
4. ☐ Electro Chemical Detector
5. ☐ PMT Detector

Question Number : 61 Question Id : 9593761711 Question Type : MCQ

Correct : 2 Wrong : 1

The non-destructive technique for identification and quantitative analysis in trace metal composition is:

Options :

1. ✖ Spectrographic analysis
2. ✖ Atomic Absorption Spectrophotometer
3. ✔ Neutron Activation Analysis
4. ✖ Inductively Coupled Plasma Emission Spectrometer
5. ✖ Pyrolysis gas Chromatography

Question Number : 61 Question Id : 9593761711 Question Type : MCQ

Correct : 2 Wrong : 1

The non-destructive technique for identification and quantitative analysis in trace metal composition is:

Options :

1. ✖ Spectrographic analysis
2. ✖ Atomic Absorption Spectrophotometer
3. ✔ Neutron Activation Analysis
4. ✖ Inductively Coupled Plasma Emission Spectrometer
5. ✖ Pyrolysis gas Chromatography

Question Number : 62 Question Id : 9593761712 Question Type : MCQ

Correct : 2 Wrong : 1

The intensity of the fundamental vibrational absorption band is:

Options :

1. ✖ Proportional to rate of change dipole moment with respect to displacement of atom
2. ✔ Proportional to the square of the rate of change dipole moment with respect to displacement of atom
3. ✖ Proportional to the under root of the rate of change dipole moment with respect to displacement of atom
4. ✖ Proportional to the change dipole moment with respect to displacement of atom
5. ✖ Independent of any of such change as above

Question Number : 62 Question Id : 9593761712 Question Type : MCQ

Correct : 2 Wrong : 1

The intensity of the fundamental vibrational absorption band is:

Options :

1. ✖ Proportional to rate of change dipole moment with respect to displacement of atom

2. ☒ Proportional to the square of the rate of change dipole moment with respect to displacement of atom
3. ☐ Proportional to the under root of the rate of change dipole moment with respect to displacement of atom
4. ☐ Proportional to the change dipole moment with respect to displacement of atom
5. ☐ Independent of any of such change as above

Question Number : 63 Question Id : 9593761713 Question Type : MCQ

Correct : 2 Wrong : 1

A differences in the two indices of refraction exhibited by some crystalline materials is called:

Options :

1. ☐ Double Refractive Index
2. ☐ Reflection
3. ☐ Refraction
4. ☒ Birefringence
5. ☐ Fringe Width

Question Number : 63 Question Id : 9593761713 Question Type : MCQ

Correct : 2 Wrong : 1

A differences in the two indices of refraction exhibited by some crystalline materials is called:

Options :

1. ☐ Double Refractive Index
2. ☐ Reflection
3. ☐ Refraction
4. ☒ Birefringence
5. ☐ Fringe Width

Question Number : 64 Question Id : 9593761714 Question Type : MCQ

Correct : 2 Wrong : 1

X-ray Diffraction is a diffraction technique, which is not applicable for?

Options :

1. ☐ To identify the atomic and molecular structure of a crystal.
2. ☒ To identify the Birefringence properties of the crystals.
3. ☐ To observe the Density of an electron within the crystal.
4. ☐ To measure the length of crystal lattice.
5. ☐ To obtain the crystalline symmetry.

Question Number : 64 Question Id : 9593761714 Question Type : MCQ

Correct : 2 Wrong : 1

X-ray Diffraction is a diffraction technique, which is not applicable for?

Options :

1. ✖ To identify the atomic and molecular structure of a crystal.
2. ✔ To identify the Birefringence properties of the crystals.
3. ✖ To observe the Density of an electron within the crystal.
4. ✖ To measure the length of crystal lattice.
5. ✖ To obtain the crystalline symmetry.

Question Number : 65 Question Id : 9593761715 Question Type : MCQ

Correct : 2 Wrong : 1

Karl Pearson's coefficient is the method:

Options :

1. ✔ For studying linear correlation between two variables
2. ✖ For calculating probability
3. ✖ For sampling of reliable data
4. ✖ For studying correlation and calculating probability
5. ✖ For calculating probability and sampling of unreliable data

Question Number : 65 Question Id : 9593761715 Question Type : MCQ

Correct : 2 Wrong : 1

Karl Pearson's coefficient is the method:

Options :

1. ✔ For studying linear correlation between two variables
2. ✖ For calculating probability
3. ✖ For sampling of reliable data
4. ✖ For studying correlation and calculating probability
5. ✖ For calculating probability and sampling of unreliable data

Question Number : 66 Question Id : 9593761716 Question Type : MCQ

Correct : 2 Wrong : 1

Minimum magnification required for examination of fibre in currency notes:

Options :

1. ✖ 10 - 40 X
2. ✖ 20 - 40 X
3. ✔ 40 - 60 X
4. ✖ 40 - 100 X
5. ✖ 100 - 200 X

Question Number : 66 Question Id : 9593761716 Question Type : MCQ

Correct : 2 Wrong : 1

Minimum magnification required for examination of fibre in currency notes:

Options :

1. ✖ 10 - 40 X
2. ✖ 20 - 40 X
3. ✔ 40 - 60 X
4. ✖ 40 - 100 X
5. ✖ 100 - 200 X

Question Number : 67 Question Id : 9593761717 Question Type : MCQ

Correct : 2 Wrong : 1

The Lie-Detection Division in India was first introduced in:

Options :

1. ✖ DFS Gujarat
2. ✖ FSL Kerala
3. ✔ CFSL/CBI/New Delhi
4. ✖ FSL Delhi
5. ✖ FSL Karnataka

Question Number : 67 Question Id : 9593761717 Question Type : MCQ

Correct : 2 Wrong : 1

The Lie-Detection Division in India was first introduced in:

Options :

1. ✖ DFS Gujarat
2. ✖ FSL Kerala
3. ✔ CFSL/CBI/New Delhi
4. ✖ FSL Delhi
5. ✖ FSL Karnataka

Question Number : 68 Question Id : 9593761718 Question Type : MCQ

Correct : 2 Wrong : 1

The objective of the polygraph examination is to check:

Options :

1. ✖ The blood pressure of the subject
2. ✔ The veracity of the statement
3. ✖ The status of the subject
4. ✖ The respiration of the subject
5. ✖ The health of the subject

Question Number : 68 Question Id : 9593761718 Question Type : MCQ

Correct : 2 Wrong : 1

The objective of the polygraph examination is to check:

Options :

1. ✖ The blood pressure of the subject
2. ✔ The veracity of the statement
3. ✖ The status of the subject
4. ✖ The respiration of the subject
5. ✖ The health of the subject

Question Number : 69 Question Id : 9593761719 Question Type : MCQ

Correct : 2 Wrong : 1

Guilty Knowledge test (GKT) utilizes a series of multiple choice questions each having:

Options :

1. ✔ One relevant alternative
2. ✖ Two relevant alternatives
3. ✖ Three relevant alternatives
4. ✖ Four relevant alternatives
5. ✖ No relevant alternatives

Question Number : 69 Question Id : 9593761719 Question Type : MCQ

Correct : 2 Wrong : 1

Guilty Knowledge test (GKT) utilizes a series of multiple choice questions each having:

Options :

1. ✔ One relevant alternative
2. ✖ Two relevant alternatives
3. ✖ Three relevant alternatives
4. ✖ Four relevant alternatives
5. ✖ No relevant alternatives

Question Number : 70 Question Id : 9593761720 Question Type : MCQ

Correct : 2 Wrong : 1

The device used for measuring brain response in brain fingerprinting is called:

Options :

1. ✖ Electrocardiogram
2. ✔ Electroencephalogram
3. ✖ Electroencephalograph
4. ✖ CT Scan

5. ❌ MRI

Question Number : 70 Question Id : 9593761720 Question Type : MCQ

Correct : 2 Wrong : 1

The device used for measuring brain response in brain fingerprinting is called:

Options :

- 1. ❌ Electrocardiogram
- 2. ✅ Electroencephalogram
- 3. ❌ Electroencephalograph
- 4. ❌ CT Scan
- 5. ❌ MRI

Question Number : 71 Question Id : 9593761721 Question Type : MCQ

Correct : 2 Wrong : 1

The landmark judgment of Supreme court of India on admissibility of Polygraph evidence was delivered on:

Options :

- 1. ❌ 5th April 2011
- 2. ❌ 20th June 2010
- 3. ❌ 6th Aug 2012
- 4. ✅ 5th May 2010
- 5. ❌ 15th May 2012

Question Number : 71 Question Id : 9593761721 Question Type : MCQ

Correct : 2 Wrong : 1

The landmark judgment of Supreme court of India on admissibility of Polygraph evidence was delivered on:

Options :

- 1. ❌ 5th April 2011
- 2. ❌ 20th June 2010
- 3. ❌ 6th Aug 2012
- 4. ✅ 5th May 2010
- 5. ❌ 15th May 2012

Question Number : 72 Question Id : 9593761722 Question Type : MCQ

Correct : 2 Wrong : 1

Which truth serum is commonly used as psychotropic or torpor drug in Narco Analysis:

Options :

1. ✖ Sodium Amytol
2. ✔ Sodium Pentathol
3. ✖ Barbiturates
4. ✖ LSD
5. ✖ Di Acetyl morphine

Question Number : 72 Question Id : 9593761722 Question Type : MCQ

Correct : 2 Wrong : 1

Which truth serum is commonly used as psychotropic or torpor drug in Narco Analysis:

Options :

1. ✖ Sodium Amytol
2. ✔ Sodium Pentathol
3. ✖ Barbiturates
4. ✖ LSD
5. ✖ Di Acetyl morphine

Question Number : 73 Question Id : 9593761723 Question Type : MCQ

Correct : 2 Wrong : 1

The apex court of India has ruled that the narco-analysis report is not acceptable as evidence in the court, as it violates the Indian constitution:

Options :

1. ✖ Article 7
2. ✔ Article 20 (3)
3. ✖ Article 21 (3)
4. ✖ Article 22 (3)
5. ✖ Article 23 (3)

Question Number : 73 Question Id : 9593761723 Question Type : MCQ

Correct : 2 Wrong : 1

The apex court of India has ruled that the narco-analysis report is not acceptable as evidence in the court, as it violates the Indian constitution:

Options :

1. ✖ Article 7
2. ✔ Article 20 (3)
3. ✖ Article 21 (3)
4. ✖ Article 22 (3)
5. ✖ Article 23 (3)

Question Number : 74 Question Id : 9593761724 Question Type : MCQ

Correct : 2 Wrong : 1

Wildlife (protection) Act in India was enacted in:

Options :

1. ✖ 1970
2. ✔ 1972
3. ✖ 1973
4. ✖ 1977
5. ✖ 1985

Question Number : 74 Question Id : 9593761724 Question Type : MCQ

Correct : 2 Wrong : 1

Wildlife (protection) Act in India was enacted in:

Options :

1. ✖ 1970
2. ✔ 1972
3. ✖ 1973
4. ✖ 1977
5. ✖ 1985

Question Number : 75 Question Id : 9593761725 Question Type : MCQ

Correct : 2 Wrong : 1

The first Wildlife Forensic Laboratory of the Wildlife Institute of India at Dehradun was operational in the year:

Options :

1. ✖ 1985
2. ✖ 1990
3. ✖ 1994
4. ✔ 1998
5. ✖ 2001

Question Number : 75 Question Id : 9593761725 Question Type : MCQ

Correct : 2 Wrong : 1

The first Wildlife Forensic Laboratory of the Wildlife Institute of India at Dehradun was operational in the year:

Options :

1. ✖ 1985
2. ✖ 1990
3. ✖ 1994
4. ✔ 1998
5. ✖ 2001

Question Number : 76 Question Id : 9593761726 Question Type : MCQ

Correct : 2 Wrong : 1

The Forensic examination or analysis of static data (stored) is often called?

Options :

1. ☒ Computer Forensics
2. ☐ Media Analysis
3. ☐ Media Forensics
4. ☐ Foot printing
5. ☐ Data Forensics

Question Number : 76 Question Id : 9593761726 Question Type : MCQ

Correct : 2 Wrong : 1

The Forensic examination or analysis of static data (stored) is often called?

Options :

1. ☒ Computer Forensics
2. ☐ Media Analysis
3. ☐ Media Forensics
4. ☐ Foot printing
5. ☐ Data Forensics

Question Number : 77 Question Id : 9593761727 Question Type : MCQ

Correct : 2 Wrong : 1

The Hash function in respect of Computer Forensics is the:

Options :

1. ☐ Mathematical formulae that generates numerical identifier based on input data.
2. ☒ Mathematical formulae that generates alpha numerical identifier based on input data.
3. ☐ If any bit of the input data changes, the output number changes.
4. ☐ Mathematical formulae that encrypt the input data by numerical identifier.
5. ☐ Mathematical formulae that decrypt the input data by numerical identifier.

Question Number : 77 Question Id : 9593761727 Question Type : MCQ

Correct : 2 Wrong : 1

The Hash function in respect of Computer Forensics is the:

Options :

1. ☐ Mathematical formulae that generates numerical identifier based on input data.
2. ☒ Mathematical formulae that generates alpha numerical identifier based on input data.
3. ☐ If any bit of the input data changes, the output number changes.
4. ☐ Mathematical formulae that encrypt the input data by numerical identifier.

5. ✖ Mathematical formulae that decrypt the input data by numerical identifier.

Question Number : 78 Question Id : 9593761728 Question Type : MCQ

Correct : 2 Wrong : 1

The best practice to be adopted for the forensic examination & analysis of digital evidence is the:

Options :

1. ✖ Forensic examinations to be performed directly on the original digital evidence.
2. ✖ Scanning of the original evidence for viruses.
3. ✔ Cloning along with the Documentation of the original evidence.
4. ✖ First Imaging of the original evidence.
5. ✖ Design an examination process on the original digital evidence.

Question Number : 78 Question Id : 9593761728 Question Type : MCQ

Correct : 2 Wrong : 1

The best practice to be adopted for the forensic examination & analysis of digital evidence is the:

Options :

1. ✖ Forensic examinations to be performed directly on the original digital evidence.
2. ✖ Scanning of the original evidence for viruses.
3. ✔ Cloning along with the Documentation of the original evidence.
4. ✖ First Imaging of the original evidence.
5. ✖ Design an examination process on the original digital evidence.

Question Number : 79 Question Id : 9593761729 Question Type : MCQ

Correct : 2 Wrong : 1

A virus is a malicious program that create a malfunction in a system is the:

Options :

1. ✔ Vital Interface Resource under seize.
2. ✖ Virtual Interface Resource under seize.
3. ✖ Virtual Interface Restore System Utility.
4. ✖ Vital Interface Reduced System Utility.
5. ✖ Vital Interface Resource under system.

Question Number : 79 Question Id : 9593761729 Question Type : MCQ

Correct : 2 Wrong : 1

A virus is a malicious program that create a malfunction in a system is the:

Options :

1. ✔ Vital Interface Resource under seize.

2. ✖ Virtual Interface Resource under seize.
3. ✖ Virtual Interface Restore System Utility.
4. ✖ Vital Interface Reduced System Utility.
5. ✖ Vital Interface Resource under system.

Question Number : 80 Question Id : 9593761730 Question Type : MCQ

Correct : 2 Wrong : 1

The analysis of digital evidence comprise phases of :

- I. Documentation
- II. Data recovery
- III. Data reduction and extraction
- IV. Data Imaging or cloning

Options :

1. ✖ Only I
2. ✖ Only II
3. ✖ Only III
4. ✖ Only IV
5. ✔ I, II, III and IV

Question Number : 80 Question Id : 9593761730 Question Type : MCQ

Correct : 2 Wrong : 1

The analysis of digital evidence comprise phases of :

- I. Documentation
- II. Data recovery
- III. Data reduction and extraction
- IV. Data Imaging or cloning

Options :

1. ✖ Only I
2. ✖ Only II
3. ✖ Only III
4. ✖ Only IV
5. ✔ I, II, III and IV

Question Number : 81 Question Id : 9593761731 Question Type : MCQ

Correct : 2 Wrong : 1

Meta-analysis is the:

Options :

1. ✖ Analysis of biometric data
2. ✖ Analysis of large data

- 3. ✖ Analysis of meaningful data
- 4. ✔ Attempt to test the data
- 5. ✖ Attempt to recover the data

Question Number : 81 Question Id : 9593761731 Question Type : MCQ

Correct : 2 Wrong : 1

Meta-analysis is the:

Options :

- 1. ✖ Analysis of biometric data
- 2. ✖ Analysis of large data
- 3. ✖ Analysis of meaningful data
- 4. ✔ Attempt to test the data
- 5. ✖ Attempt to recover the data

Question Number : 82 Question Id : 9593761732 Question Type : MCQ

Correct : 2 Wrong : 1

Forensic Physics can be defined as:

Options :

- 1. ✖ The science of nature or of natural objects.
The applications of physics that supports fundamental process of biological process for the purpose of law.
- 2. ✖ That department of natural science which treats the natural cases.
The examinations of properties of matter and energy in its different phases of material evidence for legal purposes.
- 3. ✖ The applications of physics that supports fundamental process of chemical process for the purpose of law.
- 4. ✔ The examinations of properties of matter and energy in its different phases of material evidence for legal purposes.
- 5. ✖ The applications of physics that supports fundamental process of biological process for the purpose of law.

Question Number : 82 Question Id : 9593761732 Question Type : MCQ

Correct : 2 Wrong : 1

Forensic Physics can be defined as:

Options :

- 1. ✖ The science of nature or of natural objects.
The applications of physics that supports fundamental process of biological process for the purpose of law.
- 2. ✖ That department of natural science which treats the natural cases.
The examinations of properties of matter and energy in its different phases of material evidence for legal purposes.
- 3. ✖ The applications of physics that supports fundamental process of chemical process for the purpose of law.
- 4. ✔ The examinations of properties of matter and energy in its different phases of material evidence for legal purposes.
- 5. ✖ The applications of physics that supports fundamental process of biological process for the purpose of law.

5. ✖ The applications of physics that supports fundamental process of chemical process for the purpose of law.

Question Number : 83 Question Id : 9593761733 Question Type : MCQ

Correct : 2 Wrong : 1

Fingerprints used to help in:

Options :

1. ✖ Determining the age of a person
2. ✖ Determining the sex of a person
3. ✔ Determining the personal identity
4. ✖ Determining the temperament of a person
5. ✖ Determining the stature of a person

Question Number : 83 Question Id : 9593761733 Question Type : MCQ

Correct : 2 Wrong : 1

Fingerprints used to help in:

Options :

1. ✖ Determining the age of a person
2. ✖ Determining the sex of a person
3. ✔ Determining the personal identity
4. ✖ Determining the temperament of a person
5. ✖ Determining the stature of a person

Question Number : 84 Question Id : 9593761734 Question Type : MCQ

Correct : 2 Wrong : 1

The first Fingerprint Bureau in the World was officially declared open in 1897 in:

Options :

1. ✖ China
2. ✖ Japan
3. ✔ India
4. ✖ Germany
5. ✖ Scotland Yard

Question Number : 84 Question Id : 9593761734 Question Type : MCQ

Correct : 2 Wrong : 1

The first Fingerprint Bureau in the World was officially declared open in 1897 in:

Options :

1. ✖ China
2. ✖ Japan

- 3. ✓ India
- 4. ✗ Germany
- 5. ✗ Scotland Yard

Question Number : 85 Question Id : 9593761735 Question Type : MCQ

Correct : 2 Wrong : 1

The highest ratio of fibre length and its diameter is found in the natural occurring namely:

Options :

- 1. ✗ Cotton
- 2. ✓ Silk
- 3. ✗ Linen
- 4. ✗ Jute
- 5. ✗ Wool

Question Number : 85 Question Id : 9593761735 Question Type : MCQ

Correct : 2 Wrong : 1

The highest ratio of fibre length and its diameter is found in the natural occurring namely:

Options :

- 1. ✗ Cotton
- 2. ✓ Silk
- 3. ✗ Linen
- 4. ✗ Jute
- 5. ✗ Wool

Question Number : 86 Question Id : 9593761736 Question Type : MCQ

Correct : 2 Wrong : 1

Which is one of the greatest method for Fiber examination?

Options :

- 1. ✗ Density Gradient Method
- 2. ✓ Fourier transform infrared spectroscopy
- 3. ✗ Float test
- 4. ✗ Flame test
- 5. ✗ Solvents test

Question Number : 86 Question Id : 9593761736 Question Type : MCQ

Correct : 2 Wrong : 1

Which is one of the greatest method for Fiber examination?

Options :

- 1. ✗ Density Gradient Method
- 2. ✓ Fourier transform infrared spectroscopy

3. ✖ Float test
4. ✖ Flame test
5. ✖ Solvents test

Question Number : 87 Question Id : 9593761737 Question Type : MCQ

Correct : 2 Wrong : 1

Acetate is made from:

Options :

1. ✖ Polyvinyl compounds
2. ✖ Soya Beans
3. ✔ Wood pulp
4. ✖ Poly-ethylene Glycol
5. ✖ Poly-ethylene Glycerol

Question Number : 87 Question Id : 9593761737 Question Type : MCQ

Correct : 2 Wrong : 1

Acetate is made from:

Options :

1. ✖ Polyvinyl compounds
2. ✖ Soya Beans
3. ✔ Wood pulp
4. ✖ Poly-ethylene Glycol
5. ✖ Poly-ethylene Glycerol

Question Number : 88 Question Id : 9593761738 Question Type : MCQ

Correct : 2 Wrong : 1

The most suitable forensic technique for polymer fibre-content analysis is:

Options :

1. ✖ X-Ray Diffraction
2. ✖ Emission Spectrography
3. ✖ Atomic Absorption Spectrophotometry
4. ✖ Fourier Transform Infrared Spectrophotometry
5. ✔ Pyrolysis Gas Chromatography

Question Number : 88 Question Id : 9593761738 Question Type : MCQ

Correct : 2 Wrong : 1

The most suitable forensic technique for polymer fibre-content analysis is:

Options :

1. ✖ X-Ray Diffraction

2. ✖ Emission Spectrography
3. ✖ Atomic Absorption Spectrophotometry
4. ✖ Fourier Transform Infrared Spectrophotometry
5. ✔ Pyrolysis Gas Chromatography

Question Number : 89 Question Id : 9593761739 Question Type : MCQ

Correct : 2 Wrong : 1

Microscopic fibres are best collected from clothing by means of:

Options :

1. ✔ Transparent adhesive tape
2. ✖ Shaking the article into a bag
3. ✖ A thorough brushing
4. ✖ Tweezers
5. ✖ Pulling thorough plastic rods

Question Number : 89 Question Id : 9593761739 Question Type : MCQ

Correct : 2 Wrong : 1

Microscopic fibres are best collected from clothing by means of:

Options :

1. ✔ Transparent adhesive tape
2. ✖ Shaking the article into a bag
3. ✖ A thorough brushing
4. ✖ Tweezers
5. ✖ Pulling thorough plastic rods

Question Number : 90 Question Id : 9593761740 Question Type : MCQ

Correct : 2 Wrong : 1

How is the tensile strength of a nylon rope measured?

Options :

1. ✖ Manually through pulling one end by a weight hanging
2. ✖ Manually through pulling both ends by a weight hanging
3. ✔ By using universal testing machine
4. ✖ By using virtual universal testing machine
5. ✖ It cannot be measured.

Question Number : 90 Question Id : 9593761740 Question Type : MCQ

Correct : 2 Wrong : 1

How is the tensile strength of a nylon rope measured?

Options :

1. ✖ Manually through pulling one end by a weight hanging
2. ✖ Manually through pulling both ends by a weight hanging
3. ✔ By using universal testing machine
4. ✖ By using virtual universal testing machine
5. ✖ It cannot be measured.

Question Number : 91 Question Id : 9593761741 Question Type : MCQ

Correct : 2 Wrong : 1

To determinate the adulteration in cement, the screening method applicable is:

Options :

1. ✖ Volumetric and Density Analysis
2. ✖ Particle size Analysis
3. ✖ Bunsen Flame test
4. ✔ Density Gradient distribution of particles method
5. ✖ Gravimetric Analysis and AAS

Question Number : 91 Question Id : 9593761741 Question Type : MCQ

Correct : 2 Wrong : 1

To determinate the adulteration in cement, the screening method applicable is:

Options :

1. ✖ Volumetric and Density Analysis
2. ✖ Particle size Analysis
3. ✖ Bunsen Flame test
4. ✔ Density Gradient distribution of particles method
5. ✖ Gravimetric Analysis and AAS

Question Number : 92 Question Id : 9593761742 Question Type : MCQ

Correct : 2 Wrong : 1

The Ordinary Portland Cement (OPC) seized for forensic tests analysis should be packed in the:

Options :

1. ✖ Jute bag
2. ✖ Plastic bag
3. ✖ Paper bag
4. ✔ Steel container
5. ✖ Cloth bag

Question Number : 92 Question Id : 9593761742 Question Type : MCQ

Correct : 2 Wrong : 1

The Ordinary Portland Cement (OPC) seized for forensic tests analysis should be packed in the:

Options :

1. ✘ Jute bag
2. ✘ Plastic bag
3. ✘ Paper bag
4. ✔ Steel container
5. ✘ Cloth bag

Question Number : 93 Question Id : 9593761743 Question Type : MCQ

Correct : 2 Wrong : 1

Glass Types

Application Industrial products.

- | | |
|-------------------------------|--|
| a) Soda lime silicate glasses | I. Laboratories, hospitals Kitchenware, home and Industry |
| b) Borosilicate glasses | II. Suitable for wide range application in making containers, jars. bottles, domestic glassware's |
| c) Aluminosilicate glasses | III. Manufacturing of crystal glass |
| d) Phosphate glasses | IV. High temperature combustion tubes, Gauge for high pressure steam boilers, Envelopes for halogen-tungsten lamps |
| e) Lead glasses | V. Good electrical insulators at room temperature |

Match the glass types with its corresponding industrial products application.

Options :

1. ✘ a-IV, b-V, c-I, d-II, e-III
2. ✘ a-II, b-III, c-IV, d-V, e-I
3. ✘ a-III, b-IV, c-V, d-I, e-II
4. ✘ a-IV, b-I, c-V, d-II, e-III
5. ✔ a-II, b-I, c-IV, d-V, e-III

Question Number : 93 Question Id : 9593761743 Question Type : MCQ

Correct : 2 Wrong : 1

Glass TypesApplication Industrial products.

- | | |
|-------------------------------|--|
| a) Soda lime silicate glasses | I. Laboratories, hospitals Kitchenware, home and Industry |
| b) Borosilicate glasses | II. Suitable for wide range application in making containers, jars. bottles, domestic glassware's |
| c) Aluminosilicate glasses | III. Manufacturing of crystal glass |
| d) Phosphate glasses | IV. High temperature combustion tubes, Gauge for high pressure steam boilers, Envelopes for halogen-tungsten lamps |
| e) Lead glasses | V. Good electrical insulators at room temperature |

Match the glass types with its corresponding industrial products application.

Options :

1. ✗ a-IV, b-V, c-I, d-II, e-III
2. ✗ a-II, b-III, c-IV, d-V, e-I
3. ✗ a-III, b-IV, c-V, d-I, e-II
4. ✗ a-IV, b-I, c-V, d-II, e-III
5. ✓ a-II, b-I, c-IV, d-V, e-III

Question Number : 94 Question Id : 9593761744 Question Type : MCQ

Correct : 2 Wrong : 1

The best technique to determine the most common link of the two glass pieces, one found at the scene of crime and the other from the vehicle's broken glass portions intact with the suspect vehicle will be:

Options :

1. ✗ The physical measurements such as colour, length, width and thickness
2. ✗ The Distance Gradient Distributions of Particles
3. ✓ The Physical Fitness Matching Technique
4. ✗ The Refractive Index Determination
5. ✗ The Trace Elements Profile Determination Technique

Question Number : 94 Question Id : 9593761744 Question Type : MCQ

Correct : 2 Wrong : 1

The best technique to determine the most common link of the two glass pieces, one found at the scene of crime and the other from the vehicle's broken glass portions intact with the suspect vehicle will be:

Options :

1. ✗ The physical measurements such as colour, length, width and thickness
2. ✗ The Distance Gradient Distributions of Particles
3. ✓ The Physical Fitness Matching Technique

- 4. ✖ The Refractive Index Determination
- 5. ✖ The Trace Elements Profile Determination Technique

Question Number : 95 Question Id : 9593761745 Question Type : MCQ

Correct : 2 Wrong : 1

The sequence of impact on the glass pane is to be determined at the scene by observing:

Options :

- 1. ✖ when the concentric and radial fractures end by intersecting only radial fracture of a second impact then the second impact must have occurred first.
- 2. ✖ when the concentric and radial fractures end by intersecting only concentric fracture of a second impact then the second impact must have occurred first.
- 3. ✖ when the concentric fracture ends by intersecting only the radial fracture from a second impact then the second impact must have occurred first.
- 4. ✖ when the radial fractures ends by intersecting only the concentric fracture from a second impact then the second impact must have occurred first.
- 5. ✔ when the radial fracture ends by intersecting radial or concentric fracture from a second impact then the second impact must have occurred first.

Question Number : 95 Question Id : 9593761745 Question Type : MCQ

Correct : 2 Wrong : 1

The sequence of impact on the glass pane is to be determined at the scene by observing:

Options :

- 1. ✖ when the concentric and radial fractures end by intersecting only radial fracture of a second impact then the second impact must have occurred first.
- 2. ✖ when the concentric and radial fractures end by intersecting only concentric fracture of a second impact then the second impact must have occurred first.
- 3. ✖ when the concentric fracture ends by intersecting only the radial fracture from a second impact then the second impact must have occurred first.
- 4. ✖ when the radial fractures ends by intersecting only the concentric fracture from a second impact then the second impact must have occurred first.
- 5. ✔ when the radial fracture ends by intersecting radial or concentric fracture from a second impact then the second impact must have occurred first.

Question Number : 96 Question Id : 9593761746 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following techniques is used to compare trace elements found in soil?

Options :

- 1. ✔ Spectrographic Analysis
- 2. ✖ Density Gradient
- 3. ✖ Microscopic Examination

4. ✖ Enzyme Analysis

5. ✖ Flame Test

Question Number : 96 Question Id : 9593761746 Question Type : MCQ

Correct : 2 Wrong : 1

Which of the following techniques is used to compare trace elements found in soil?

Options :

1. ✔ Spectrographic Analysis

2. ✖ Density Gradient

3. ✖ Microscopic Examination

4. ✖ Enzyme Analysis

5. ✖ Flame Test

Question Number : 97 Question Id : 9593761747 Question Type : MCQ

Correct : 2 Wrong : 1

In order to compare to samples of soil by density gradient distribution of particles, the density gradient tubes are prepared using systemic ratios of the mixture of the two liquids namely:

Options :

1. ✖ Tetra-bromo-propanol : Xylene

2. ✖ Bromobenzene : Xylene

3. ✔ Bromoform : Xylene

4. ✖ Benzene : Xylene

5. ✖ Iodoform : Benzene

Question Number : 97 Question Id : 9593761747 Question Type : MCQ

Correct : 2 Wrong : 1

In order to compare to samples of soil by density gradient distribution of particles, the density gradient tubes are prepared using systemic ratios of the mixture of the two liquids namely:

Options :

1. ✖ Tetra-bromo-propanol : Xylene

2. ✖ Bromobenzene : Xylene

3. ✔ Bromoform : Xylene

4. ✖ Benzene : Xylene

5. ✖ Iodoform : Benzene

Question Number : 98 Question Id : 9593761748 Question Type : MCQ

Correct : 2 Wrong : 1

When comparing soil samples by macroscopic examination, what should one observe?

Options :

1. ✖ Colour
2. ✖ Granularity and dry the samples
3. ✖ Vegetable and plant fibres
4. ✖ Presence and abundance of minerals and glass particles
5. ✔ All of the other options

Question Number : 98 Question Id : 9593761748 Question Type : MCQ

Correct : 2 Wrong : 1

When comparing soil samples by macroscopic examination, what should one observe?

Options :

1. ✖ Colour
2. ✖ Granularity and dry the samples
3. ✖ Vegetable and plant fibres
4. ✖ Presence and abundance of minerals and glass particles
5. ✔ All of the other options

Question Number : 99 Question Id : 9593761749 Question Type : MCQ

Correct : 2 Wrong : 1

The main cause of the deterioration of paper is:

Options :

1. ✖ Acidity
2. ✖ Basicity
3. ✖ Neutrality
4. ✔ Disappearance of moisture contents
5. ✖ Strength of fibre

Question Number : 99 Question Id : 9593761749 Question Type : MCQ

Correct : 2 Wrong : 1

The main cause of the deterioration of paper is:

Options :

1. ✖ Acidity
2. ✖ Basicity
3. ✖ Neutrality
4. ✔ Disappearance of moisture contents
5. ✖ Strength of fibre

Question Number : 100 Question Id : 9593761750 Question Type : MCQ

Correct : 2 Wrong : 1

Short out the wrong statement:

Options :

1. ✖ Paper is a thin material produced by pressing together moist fibers of cellulose pulp derived from wood, rags or grasses
2. ✖ To make pulp for paper production from wood, a chemical pulping process separates lignin from cellulose fibers
3. ✖ Besides the fibers, pulps may contain fillers such as chalk or china clay in paper production
4. ✖ The pulp is fed to a paper machine where it is formed as a paper web and the water is removed from it by pressing and drying
5. ✔ Papers are suitable for computer screens

Question Number : 100 Question Id : 9593761750 Question Type : MCQ

Correct : 2 Wrong : 1

Short out the wrong statement:

Options :

1. ✖ Paper is a thin material produced by pressing together moist fibers of cellulose pulp derived from wood, rags or grasses
2. ✖ To make pulp for paper production from wood, a chemical pulping process separates lignin from cellulose fibers
3. ✖ Besides the fibers, pulps may contain fillers such as chalk or china clay in paper production
4. ✖ The pulp is fed to a paper machine where it is formed as a paper web and the water is removed from it by pressing and drying
5. ✔ Papers are suitable for computer screens

Forensic Ballistics

Mandatory or Optional:

Mandatory

Question Number : 101 Question Id : 9593761751 Question Type : MCQ

Correct : 2 Wrong : 2

Close range firing means:

Options :

1. ✖ Firing in contact.
2. ✖ Firing in 1 ft distance.

- 3. ☒ Firing within 5 ft.
- 4. ☐ Firing up to 10 ft distance.
- 5. ☐ Firing up to 2 ft distance.

Question Number : 101 Question Id : 9593761751 Question Type : MCQ

Correct : 2 Wrong : 2

Close range firing means:

Options :

- 1. ☐ Firing in contact.
- 2. ☐ Firing in 1 ft distance.
- 3. ☒ Firing within 5 ft.
- 4. ☐ Firing up to 10 ft distance.
- 5. ☐ Firing up to 2 ft distance.

Question Number : 102 Question Id : 9593761752 Question Type : MCQ

Correct : 2 Wrong : 2

To fracture a bone by a bullet projectile velocity of:

Options :

- 1. ☒ 200 ft/sec is required.
- 2. ☐ 800 ft/sec is required.
- 3. ☐ 125 ft/sec is required.
- 4. ☐ 150 ft/sec is required.
- 5. ☐ 250 ft/sec is required.

Question Number : 102 Question Id : 9593761752 Question Type : MCQ

Correct : 2 Wrong : 2

To fracture a bone by a bullet projectile velocity of:

Options :






- 1. ☒ 200 ft/sec is required.
- 2. ☐ 800 ft/sec is required.
- 3. ☐ 125 ft/sec is required.
- 4. ☐ 150 ft/sec is required.
- 5. ☐ 250 ft/sec is required.

Question Number : 103 Question Id : 9593761753 Question Type : MCQ

Correct : 2 Wrong : 2

Rifled slug is a projectile of:

Options :






1.  Rifles
2.  Pistol
3.  Revolver
4.  Shotgun
5.  Carbine

Question Number : 103 Question Id : 9593761753 Question Type : MCQ

Correct : 2 Wrong : 2

Rifled slug is a projectile of:

Options :

1.  Rifles
2.  Pistol
3.  Revolver
4.  Shotgun
5.  Carbine

Question Number : 104 Question Id : 9593761754 Question Type : MCQ

Correct : 2 Wrong : 2

A 12-bore LG cartridge contains:

Options :

1.  Nine pellets
2.  Six pellets
3.  12 pellets
4.  one pellet
5.  100 pellets

Question Number : 104 Question Id : 9593761754 Question Type : MCQ

Correct : 2 Wrong : 2

A 12-bore LG cartridge contains:

Options :

1.  Nine pellets
2.  Six pellets
3.  12 pellets
4.  one pellet
5.  100 pellets

Question Number : 105 Question Id : 9593761755 Question Type : MCQ

Correct : 2 Wrong : 2

Standard filling of pellets in 12-bore cartridge is:

Options :

1. ☒ 28.35 gm
2. ☐ 28 gm
3. ☐ 20 gm
4. ☐ 28.50 gm
5. ☐ 30 gm

Question Number : 105 Question Id : 9593761755 Question Type : MCQ

Correct : 2 Wrong : 2

Standard filling of pellets in 12-bore cartridge is:

Options :

1. ☒ 28.35 gm
2. ☐ 28 gm
3. ☐ 20 gm
4. ☐ 28.50 gm
5. ☐ 30 gm

Question Number : 106 Question Id : 9593761756 Question Type : MCQ

Correct : 2 Wrong : 2

In India, we follow which pattern in firearms?

Options :

1. ☒ U.K
2. ☐ American
3. ☐ Australian
4. ☐ own Indian pattern
5. ☐ Swiss pattern

Question Number : 106 Question Id : 9593761756 Question Type : MCQ

Correct : 2 Wrong : 2

In India, we follow which pattern in firearms?

Options :

1. ☒ U.K
2. ☐ American
3. ☐ Australian
4. ☐ own Indian pattern
5. ☐ Swiss pattern

Question Number : 107 Question Id : 9593761757 Question Type : MCQ

Correct : 2 Wrong : 2

The muzzle diameter of a 12-bore gun is:

Options :

1. ☒ .729"
2. ☐ .699"
3. ☐ .700"
4. ☐ .690"
5. ☐ .710"

Question Number : 107 Question Id : 9593761757 Question Type : MCQ

Correct : 2 Wrong : 2

The muzzle diameter of a 12-bore gun is:

Options :

1. ☒ .729"
2. ☐ .699"
3. ☐ .700"
4. ☐ .690"
5. ☐ .710"

Question Number : 108 Question Id : 9593761758 Question Type : MCQ

Correct : 2 Wrong : 2

Which forces act on a projectile when it comes out of barrel to effect its motion in straight line?

Options :

1. ☐ gravity
2. ☐ back air pressure
3. ☒ both gravity and air pressure
4. ☐ friction
5. ☐ recoil

Question Number : 108 Question Id : 9593761758 Question Type : MCQ

Correct : 2 Wrong : 2

Which forces act on a projectile when it comes out of barrel to effect its motion in straight line?

Options :

1. ☐ gravity
2. ☐ back air pressure
3. ☒ both gravity and air pressure
4. ☐ friction

5. ✖ recoil

Question Number : 109 Question Id : 9593761759 Question Type : MCQ

Correct : 2 Wrong : 2

In AK-47, the 47 depicts it's:

Options :

1. ✖ Its number
2. ✔ year of manufacture
3. ✖ its calibre
4. ✖ it fires 47 rounds in a minute
5. ✖ Its length in inches

Question Number : 109 Question Id : 9593761759 Question Type : MCQ

Correct : 2 Wrong : 2

In AK-47, the 47 depicts it's:

Options :

1. ✖ Its number
2. ✔ year of manufacture
3. ✖ its calibre
4. ✖ it fires 47 rounds in a minute
5. ✖ Its length in inches

Question Number : 110 Question Id : 9593761760 Question Type : MCQ

Correct : 2 Wrong : 2

The muzzle velocity of a projectile can be measured by formula:

Options :

1. ✔ $S = ut$
2. ✖ $S = u/t$
3. ✖ $S = \frac{1}{2} ut$
4. ✖ $S = t/u$
5. ✖ $u = \frac{1}{2} st$

Question Number : 110 Question Id : 9593761760 Question Type : MCQ

Correct : 2 Wrong : 2

The muzzle velocity of a projectile can be measured by formula:

Options :

1. ✔ $S = ut$
2. ✖ $S = u/t$
3. ✖ $S = \frac{1}{2} ut$
4. ✖ $S = t/u$

5. ✖ $u = \frac{1}{2} st$

Question Number : 111 Question Id : 9593761761 Question Type : MCQ

Correct : 2 Wrong : 2

A bullet projectile moves in body in:

Options :

1. ✔ straight
2. ✖ zig zag motion
3. ✖ in any direction
4. ✖ circular
5. ✖ parallel

Question Number : 111 Question Id : 9593761761 Question Type : MCQ

Correct : 2 Wrong : 2

A bullet projectile moves in body in:

Options :

1. ✔ straight
2. ✖ zig zag motion
3. ✖ in any direction
4. ✖ circular
5. ✖ parallel

Question Number : 112 Question Id : 9593761762 Question Type : MCQ

Correct : 2 Wrong : 2

Firearm wounds in body are found in:

Options :

1. ✖ converging nature
2. ✔ diverging
3. ✖ parallel
4. ✖ elliptical
5. ✖ parabolic

Question Number : 112 Question Id : 9593761762 Question Type : MCQ

Correct : 2 Wrong : 2

Firearm wounds in body are found in:

Options :

1. ✖ converging nature
2. ✔ diverging

3. ✖ parallel
4. ✖ elliptical
5. ✖ parabolic

Question Number : 113 Question Id : 9593761763 Question Type : MCQ

Correct : 2 Wrong : 2

The core tip of a .303” bullet is made up of:

Options :

1. ✖ Steel
2. ✖ Lead
3. ✔ Aluminum
4. ✖ Copper
5. ✖ Brass

Question Number : 113 Question Id : 9593761763 Question Type : MCQ

Correct : 2 Wrong : 2

The core tip of a .303” bullet is made up of:

Options :

1. ✖ Steel
2. ✖ Lead
3. ✔ Aluminum
4. ✖ Copper
5. ✖ Brass

Question Number : 114 Question Id : 9593761764 Question Type : MCQ

Correct : 2 Wrong : 2

Term soft nose bullet is referred to a:

Options :

1. ✖ 303” bullet
2. ✔ .315” bullet
3. ✖ 9 mm bullet
4. ✖ 7.65 mm bullet
5. ✖ SLR bullet

Question Number : 114 Question Id : 9593761764 Question Type : MCQ

Correct : 2 Wrong : 2

Term soft nose bullet is referred to a:

Options :

1. ✖ 303” bullet
2. ✔ .315” bullet

- 3. ✖ 9 mm bullet
- 4. ✖ 7.65 mm bullet
- 5. ✖ SLR bullet

Question Number : 115 Question Id : 9593761765 Question Type : MCQ

Correct : 2 Wrong : 2

The calibre of SLR and AK 47 is:

Options :

- 1. ✖ 9 mm
- 2. ✔ 7.62 mm
- 3. ✖ 7.63 mm
- 4. ✖ 5.56 mm
- 5. ✖ .315"

Question Number : 115 Question Id : 9593761765 Question Type : MCQ

Correct : 2 Wrong : 2

The calibre of SLR and AK 47 is:

Options :

- 1. ✖ 9 mm
- 2. ✔ 7.62 mm
- 3. ✖ 7.63 mm
- 4. ✖ 5.56 mm
- 5. ✖ .315"

Question Number : 116 Question Id : 9593761766 Question Type : MCQ

Correct : 2 Wrong : 2

12-bore means:

Options :

- 1. ✖ Diameter of barrel is 12.
- 2. ✔ 12 lead pellets each equal to internal diameter of barrel at muzzle end weigh one pound.
- 3. ✖ Fires 12 shots at a time.
- 4. ✖ It is number of gun.
- 5. ✖ 12 cartridge are loaded at a time.

Question Number : 116 Question Id : 9593761766 Question Type : MCQ

Correct : 2 Wrong : 2

12-bore means:

Options :

- 1. ✖ Diameter of barrel is 12.
- 2. ✔ 12 lead pellets each equal to internal diameter of barrel at muzzle end weigh one pound.
- 3. ✖ Fires 12 shots at a time.

- 4. ✖ It is number of gun.
- 5. ✖ 12 cartridge are loaded at a time.

Question Number : 117 Question Id : 9593761767 Question Type : MCQ

Correct : 2 Wrong : 2

How many minimum number of cartridges are test fired in laboratory from a suspected fire arm for comparison with crime cartridge case/ bullet?

Options :

- 1. ✖ One
- 2. ✔ Two
- 3. ✖ Three
- 4. ✖ Four
- 5. ✖ Five

Question Number : 117 Question Id : 9593761767 Question Type : MCQ

Correct : 2 Wrong : 2

How many minimum number of cartridges are test fired in laboratory from a suspected fire arm for comparison with crime cartridge case/ bullet?

Options :

- 1. ✖ One
- 2. ✔ Two
- 3. ✖ Three
- 4. ✖ Four
- 5. ✖ Five

Question Number : 118 Question Id : 9593761768 Question Type : MCQ

Correct : 2 Wrong : 2

How many matching marks are required to give a positive opinion while comparison of cartridges and bullets under comparison microscope?

Options :

- 1. ✖ At least two
- 2. ✖ At least three
- 3. ✖ At least four
- 4. ✖ At least ten
- 5. ✔ Any mark which is individual in nature and repeatable in each firing

Question Number : 118 Question Id : 9593761768 Question Type : MCQ

Correct : 2 Wrong : 2

How many matching marks are required to give a positive opinion while comparison of cartridges and bullets under comparison microscope?

Options :

1. ✖ At least two
2. ✖ At least three
3. ✖ At least four
4. ✖ At least ten
5. ✔ Any mark which is individual in nature and repeatable in each firing

Question Number : 119 Question Id : 9593761769 Question Type : MCQ

Correct : 2 Wrong : 2

Striation marks are observed in:

Options :

1. ✖ Regular firearm
2. ✔ Countrymade firearm
3. ✖ Rifled firearm
4. ✖ Revolver
5. ✖ Pistol

Question Number : 119 Question Id : 9593761769 Question Type : MCQ

Correct : 2 Wrong : 2

Striation marks are observed in:

Options :

1. ✖ Regular firearm
2. ✔ Countrymade firearm
3. ✖ Rifled firearm
4. ✖ Revolver
5. ✖ Pistol

Question Number : 120 Question Id : 9593761770 Question Type : MCQ

Correct : 2 Wrong : 2

The standard length of barrel of a 12 bore firearm is:

Options :

1. ✔ 76 cm
2. ✖ 86 cm
3. ✖ 92 cm
4. ✖ 70 cm
5. ✖ 60 cm

Question Number : 120 Question Id : 9593761770 Question Type : MCQ

Correct : 2 Wrong : 2

The standard length of barrel of a 12 bore firearm is:

Options :

1. ✓ 76 cm
2. ✗ 86 cm
3. ✗ 92 cm
4. ✗ 70 cm
5. ✗ 60 cm

Question Number : 121 Question Id : 9593761771 Question Type : MCQ

Correct : 2 Wrong : 2

A 12 bore dust cartridge contains:

Options :

1. ✓ 2770 pellets.
2. ✗ 2700 pellets.
3. ✗ 2500 pellets.
4. ✗ 2600 pellets.
5. ✗ 2750 pellets.

Question Number : 121 Question Id : 9593761771 Question Type : MCQ

Correct : 2 Wrong : 2

A 12 bore dust cartridge contains:

Options :

1. ✓ 2770 pellets.
2. ✗ 2700 pellets.
3. ✗ 2500 pellets.
4. ✗ 2600 pellets.
5. ✗ 2750 pellets.

Question Number : 122 Question Id : 9593761772 Question Type : MCQ

Correct : 2 Wrong : 2

Bye products of nitroglycerine and nitrocellulose is:

Options :

1. ✓ Nitrite radical
2. ✗ Nitrate radical
3. ✗ Lead
4. ✗ Sulphate
5. ✗ Nitramine

Question Number : 122 Question Id : 9593761772 Question Type : MCQ

Correct : 2 Wrong : 2

Bye products of nitroglycerine and nitrocellulose is:

Options :

1. ☒ Nitrite radical
2. ☐ Nitrate radical
3. ☐ Lead
4. ☐ Sulphate
5. ☐ Nitramine

Question Number : 123 Question Id : 9593761773 Question Type : MCQ

Correct : 2 Wrong : 2

The chemical used for detection of lead is:

Options :

1. ☐ Sodium
2. ☒ Sodium rhodizonate
3. ☐ Sulphanilic acid
4. ☐ Alpha-naphthylamine
5. ☐ Sulphuric acid

Question Number : 123 Question Id : 9593761773 Question Type : MCQ

Correct : 2 Wrong : 2

The chemical used for detection of lead is:

Options :

1. ☐ Sodium
2. ☒ Sodium rhodizonate
3. ☐ Sulphanilic acid
4. ☐ Alpha-naphthylamine
5. ☐ Sulphuric acid

Question Number : 124 Question Id : 9593761774 Question Type : MCQ

Correct : 2 Wrong : 2

Which statement is true?

Options :

1. ☒ Projectile after coming out of the barrel first moves down then upward and then straight.
2. ☐ First straight then upward and then down ward.
3. ☐ First upward then down ward and then straight.
4. ☐ First straight and then downward.
5. ☐ First straight then downward and then upward.

Question Number : 124 Question Id : 9593761774 Question Type : MCQ

Correct : 2 Wrong : 2

Which statement is true?

Options :

1. ☒ Projectile after coming out of the barrel first moves down then upward and then straight.
2. ☐ First straight then upward and then down ward.
3. ☐ First upward then down ward and then straight.
4. ☐ First straight and then downward.
5. ☐ First straight then downward and then upward.

Question Number : 125 Question Id : 9593761775 Question Type : MCQ

Correct : 2 Wrong : 2

Rubber bullets are meant to be fired from a distance of:

Options :

1. ☐ 10 mt
2. ☐ 20 mt
3. ☒ 30 mt
4. ☐ 40 mt
5. ☐ 50 mt

Question Number : 125 Question Id : 9593761775 Question Type : MCQ

Correct : 2 Wrong : 2

Rubber bullets are meant to be fired from a distance of:

Options :

1. ☐ 10 mt
2. ☐ 20 mt
3. ☒ 30 mt
4. ☐ 40 mt
5. ☐ 50 mt

Question Number : 126 Question Id : 9593761776 Question Type : MCQ

Correct : 2 Wrong : 2

Up to how much distance of firing, the wads are recovered from inside the body?

Options :

1. ☐ 10 ft-15 ft
2. ☐ 15 ft-20 ft
3. ☐ 20 ft-25 ft
4. ☐ 25 ft-30 ft
5. ☒ 30-35 ft

Question Number : 126 Question Id : 9593761776 Question Type : MCQ

Correct : 2 Wrong : 2

Up to how much distance of firing, the wads are recovered from inside the body?

Options :

1. ✖ 10 ft-15 ft
2. ✖ 15 ft-20 ft
3. ✖ 20 ft-25 ft
4. ✖ 25 ft-30 ft
5. ✔ 30-35 ft

Question Number : 127 Question Id : 9593761777 Question Type : MCQ

Correct : 2 Wrong : 2

The useful magnification limit in comparison microscope:

Options :

1. ✖ 50x
2. ✖ 10x
3. ✔ 100x
4. ✖ 150x
5. ✖ 200x

Question Number : 127 Question Id : 9593761777 Question Type : MCQ

Correct : 2 Wrong : 2

The useful magnification limit in comparison microscope:

Options :

1. ✖ 50x
2. ✖ 10x
3. ✔ 100x
4. ✖ 150x
5. ✖ 200x

Question Number : 128 Question Id : 9593761778 Question Type : MCQ

Correct : 2 Wrong : 2

Scorching of the target is caused when firing is done in:

Options :

1. ✖ 4-5"
2. ✔ 1-2"
3. ✖ 5-10"
4. ✖ 10-15"
5. ✖ in contact

Question Number : 128 Question Id : 9593761778 Question Type : MCQ

Correct : 2 Wrong : 2

Scorching of the target is caused when firing is done in:

Options :

1. ✖ 4-5"
2. ✔ 1-2"
3. ✖ 5-10"
4. ✖ 10-15"
5. ✖ in contact

Question Number : 129 Question Id : 9593761779 Question Type : MCQ

Correct : 2 Wrong : 2

The temperature of hot gasses coming out from muzzle end is nearly:

Options :

1. ✖ 1000 °C
2. ✖ 2000 °C
3. ✔ 3000 °C
4. ✖ 4000 °C
5. ✖ 50000 °C

Question Number : 129 Question Id : 9593761779 Question Type : MCQ

Correct : 2 Wrong : 2

The temperature of hot gasses coming out from muzzle end is nearly:

Options :

1. ✖ 1000 °C
2. ✖ 2000 °C
3. ✔ 3000 °C
4. ✖ 4000 °C
5. ✖ 50000 °C

Question Number : 130 Question Id : 9593761780 Question Type : MCQ

Correct : 2 Wrong : 2

In standard shotgun if the spreading of pellets on target is one inch then the distance of firing will be approx.

Options :

1. ✔ 1 yard
2. ✖ ½ yard
3. ✖ 3 yard
4. ✖ 2 yard
5. ✖ 5 yard

Question Number : 130 Question Id : 9593761780 Question Type : MCQ

Correct : 2 Wrong : 2

In standard shotgun if the spreading of pellets on target is one inch then the distance of firing will be approx.

Options :

1. ☒ 1 yard
2. ☐ ½ yard
3. ☐ 3 yard
4. ☐ 2 yard
5. ☐ 5 yard

Question Number : 131 Question Id : 9593761781 Question Type : MCQ

Correct : 2 Wrong : 2

If burning, blackening etc is observed inside the wound the distance of firing will be:

Options :

1. ☒ contact
2. ☐ near contact
3. ☐ close range
4. ☐ 5-6 ft
5. ☐ 6 ft

Question Number : 131 Question Id : 9593761781 Question Type : MCQ

Correct : 2 Wrong : 2

If burning, blackening etc is observed inside the wound the distance of firing will be:

Options :

1. ☒ contact
2. ☐ near contact
3. ☐ close range
4. ☐ 5-6 ft
5. ☐ 6 ft

Question Number : 132 Question Id : 9593761782 Question Type : MCQ

Correct : 2 Wrong : 2

AK-47 can fire:

Options :

1. ☐ 400 round per minute
2. ☒ 600 round per minute
3. ☐ 800 round per minute
4. ☐ 200 round per minute
5. ☐ 100 round per minute

Question Number : 132 Question Id : 9593761782 Question Type : MCQ

Correct : 2 Wrong : 2

AK-47 can fire:

Options :

1. ✖ 400 round per minute
2. ✔ 600 round per minute
3. ✖ 800 round per minute
4. ✖ 200 round per minute
5. ✖ 100 round per minute

Question Number : 133 Question Id : 9593761783 Question Type : MCQ

Correct : 2 Wrong : 2

Muzzle velocity of .303" cartridge when fired from a .303" rifle is:

Options :

1. ✖ 2100 ft/sec
2. ✖ 2400 ft/sec
3. ✖ 2700 ft/sec
4. ✔ 2440 ft/sec
5. ✖ 3000 ft/sec

Question Number : 133 Question Id : 9593761783 Question Type : MCQ

Correct : 2 Wrong : 2

Muzzle velocity of .303" cartridge when fired from a .303" rifle is:

Options :

1. ✖ 2100 ft/sec
2. ✖ 2400 ft/sec
3. ✖ 2700 ft/sec
4. ✔ 2440 ft/sec
5. ✖ 3000 ft/sec

Question Number : 134 Question Id : 9593761784 Question Type : MCQ

Correct : 2 Wrong : 2

Ballistics / Study of motion the motion of the projectile is divided in to:

Options :

1. ✖ Two parts
2. ✔ Three parts
3. ✖ Four parts
4. ✖ Five parts

5. ✖ Six parts

Question Number : 134 Question Id : 9593761784 Question Type : MCQ

Correct : 2 Wrong : 2

Ballistics / Study of motion the motion of the projectile is divided in to:

Options :

1. ✖ Two parts

2. ✔ Three parts

3. ✖ Four parts

4. ✖ Five parts

5. ✖ Six parts

Question Number : 135 Question Id : 9593761785 Question Type : MCQ

Correct : 2 Wrong : 2

Average depth of protective tissues on the frontal part of the human body is:

Options :

1. ✖ 0.2cm

2. ✔ 0.6cm

3. ✖ 0.9cm

4. ✖ 1cm

5. ✖ 3.3cm

Question Number : 135 Question Id : 9593761785 Question Type : MCQ

Correct : 2 Wrong : 2

Average depth of protective tissues on the frontal part of the human body is:

Options :

1. ✖ 0.2cm

2. ✔ 0.6cm

3. ✖ 0.9cm

4. ✖ 1cm

5. ✖ 3.3cm

Question Number : 136 Question Id : 9593761786 Question Type : MCQ

Correct : 2 Wrong : 2

The bore of an air gun is:

Options :

1. ✖ .32"

2. ✖ 7.65mm

3. ✔ .22"

4. ✖ 5.56mm

5. ✖ .38"

Question Number : 136 Question Id : 9593761786 Question Type : MCQ

Correct : 2 Wrong : 2

The bore of an air gun is:

Options :

1. ✖ .32"

2. ✖ 7.65mm

3. ✔ .22"

4. ✖ 5.56mm

5. ✖ .38"

Question Number : 137 Question Id : 9593761787 Question Type : MCQ

Correct : 2 Wrong : 2

What does 51 depicts when we write 7.62X51 cartridge?

Options :

1. ✖ Length of bullet

2. ✖ Length of cartridge

3. ✔ Length of cartridge case

4. ✖ Bullet Weight

5. ✖ Cartridge weight

Question Number : 137 Question Id : 9593761787 Question Type : MCQ

Correct : 2 Wrong : 2

What does 51 depicts when we write 7.62X51 cartridge?

Options :

1. ✖ Length of bullet

2. ✖ Length of cartridge

3. ✔ Length of cartridge case

4. ✖ Bullet Weight

5. ✖ Cartridge weight

Question Number : 138 Question Id : 9593761788 Question Type : MCQ

Correct : 2 Wrong : 2

The Ballistics experts are not required to submit photomicrographs along with their report or in court of law as per the decision of case:

Options :

1. ✔ Ramanathan V/s state of Tamil nadu 1978

2. ✖ Shamin rahman V/s state of Utar Pardesh 1975

3. ✖ Mohinder Singh V/s state of Punjab 1971

4. ✖ Meera puri V/s state of Nagaland 1971

5. ✖ State to bihar V/s Hanuman Koeri 1971

Question Number : 138 Question Id : 9593761788 Question Type : MCQ

Correct : 2 Wrong : 2

The Ballistics experts are not required to submit photomicrographs along with their report or in court of law as per the decision of case:

Options :

1. ✔ Ramanathon V/s state of Tamil nadu 1978

2. ✖ Shamin rahman V/s state of Utar Pardesh 1975

3. ✖ Mohinder Singh V/s state of Punjab 1971

4. ✖ Meera puri V/s state of Nagaland 1971

5. ✖ State to bihar V/s Hanuman Koeri 1971

Question Number : 139 Question Id : 9593761789 Question Type : MCQ

Correct : 2 Wrong : 2

The relevant law on firearm

Options :

1. ✖ Arms Act 1947

2. ✖ Arms Act 1950

3. ✔ Arms Act 1959

4. ✖ Arms Act 1939

5. ✖ Arms Act 1949

Question Number : 139 Question Id : 9593761789 Question Type : MCQ

Correct : 2 Wrong : 2

The relevant law on firearm

Options :

1. ✖ Arms Act 1947

2. ✖ Arms Act 1950

3. ✔ Arms Act 1959

4. ✖ Arms Act 1939

5. ✖ Arms Act 1949

Question Number : 140 Question Id : 9593761790 Question Type : MCQ

Correct : 2 Wrong : 2

How many types of Fire Arms are there?

Options :

1. ✔ 2

2. ✖ 3

3. ✖ 4

4. ✖ 5

5. ✖ 1

Question Number : 140 Question Id : 9593761790 Question Type : MCQ

Correct : 2 Wrong : 2

How many types of Fire Arms are there?

Options :

1. ✔ 2

2. ✖ 3

3. ✖ 4

4. ✖ 5

5. ✖ 1

Question Number : 141 Question Id : 9593761791 Question Type : MCQ

Correct : 2 Wrong : 2

Wads are projectiles of:

Options :

1. ✔ shot gun ammunition

2. ✖ Rifled firearm ammunition

3. ✖ pistol ammunition

4. ✖ Revolver ammunition

5. ✖ sten gun ammunition

Question Number : 141 Question Id : 9593761791 Question Type : MCQ

Correct : 2 Wrong : 2

Wads are projectiles of:

Options :

1. ✔ shot gun ammunition

2. ✖ Rifled firearm ammunition

3. ✖ pistol ammunition

4. ✖ Revolver ammunition

5. ✖ sten gun ammunition

Question Number : 142 Question Id : 9593761792 Question Type : MCQ

Correct : 2 Wrong : 2

Bullets are made up of :

Options :

1. ✖ Lead

2. ✖ Lead and antimony

- 3. ✖ Lead and copper
- 4. ✔ either of lead or lead as core and copper or nickel as jacket
- 5. ✖ steel

Question Number : 142 Question Id : 9593761792 Question Type : MCQ

Correct : 2 Wrong : 2

Bullets are made up of :

Options :

- 1. ✖ Lead
- 2. ✖ Lead and antimony
- 3. ✖ Lead and copper
- 4. ✔ either of lead or lead as core and copper or nickel as jacket
- 5. ✖ steel

Question Number : 143 Question Id : 9593761793 Question Type : MCQ

Correct : 2 Wrong : 2

Main reason to use lead as projectile material in Fire Arms?

Options :

- 1. ✖ Its boiling point is low
- 2. ✔ Its specific gravity is high
- 3. ✖ Its a soft material
- 4. ✖ it is found in abundance on earth
- 5. ✖ no specific reason is there

Question Number : 143 Question Id : 9593761793 Question Type : MCQ

Correct : 2 Wrong : 2

Main reason to use lead as projectile material in Fire Arms?

Options :

- 1. ✖ Its boiling point is low
- 2. ✔ Its specific gravity is high
- 3. ✖ Its a soft material
- 4. ✖ it is found in abundance on earth
- 5. ✖ no specific reason is there

Question Number : 144 Question Id : 9593761794 Question Type : MCQ

Correct : 2 Wrong : 2

First fire Arm was a:

Options :

- 1. ✔ Muzzle loader

2. ☐ Breech loader
3. ☐ Rifle
4. ☐ Pistol
5. ☐ Revolver

Question Number : 144 Question Id : 9593761794 Question Type : MCQ

Correct : 2 Wrong : 2

First fire Arm was a:

Options :

1. ☒ Muzzle loader
2. ☐ Breech loader
3. ☐ Rifle
4. ☐ Pistol
5. ☐ Revolver

Question Number : 145 Question Id : 9593761795 Question Type : MCQ

Correct : 2 Wrong : 2

Wounding criteria in firearms is governed by the equation.

Options :

1. ☐ $E = mgh$
2. ☒ $E = \frac{1}{2} mv^2$
3. ☐ $E = mv$
4. ☐ $E = \frac{1}{2} mv^2 + mgh$
5. ☐ $E = mvh$

Question Number : 145 Question Id : 9593761795 Question Type : MCQ

Correct : 2 Wrong : 2

Wounding criteria in firearms is governed by the equation.

Options :

1. ☐ $E = mgh$
2. ☒ $E = \frac{1}{2} mv^2$
3. ☐ $E = mv$
4. ☐ $E = \frac{1}{2} mv^2 + mgh$
5. ☐ $E = mvh$

Question Number : 146 Question Id : 9593761796 Question Type : MCQ

Correct : 2 Wrong : 2

Tattooing is a phenomenon of.

Options :

1. ✖ pistol
2. ✔ Country made firearms
3. ✖ shotguns
4. ✖ Rifles
5. ✖ revolver

Question Number : 146 Question Id : 9593761796 Question Type : MCQ

Correct : 2 Wrong : 2

Tattooing is a phenomenon of.

Options :

1. ✖ pistol
2. ✔ Country made firearms
3. ✖ shotguns
4. ✖ Rifles
5. ✖ revolver

Question Number : 147 Question Id : 9593761797 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in shotguns is observed up to a distance of:

Options :

1. ✖ 1 ft
2. ✖ 2 ft
3. ✖ 5 ft
4. ✔ 5-6 ft
5. ✖ in contact

Question Number : 147 Question Id : 9593761797 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in shotguns is observed up to a distance of:

Options :

1. ✖ 1 ft
2. ✖ 2 ft
3. ✖ 5 ft
4. ✔ 5-6 ft
5. ✖ in contact

Question Number : 148 Question Id : 9593761798 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in rifled small arms is observed up to a distance of:

Options :

1. ☒ 4-6 inches
2. ☐ in contact
3. ☐ 2 ft
4. ☐ 1 ft
5. ☐ 1.5 ft

Question Number : 148 Question Id : 9593761798 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in rifled small arms is observed up to a distance of:

Options :

1. ☒ 4-6 inches
2. ☐ in contact
3. ☐ 2 ft
4. ☐ 1 ft
5. ☐ 1.5 ft

Question Number : 149 Question Id : 9593761799 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in rifles is observed up to a distance of:

Options :

1. ☐ 1 mt
2. ☒ 1 ft
3. ☐ 5 inches
4. ☐ 10 inches
5. ☐ half meter

Question Number : 149 Question Id : 9593761799 Question Type : MCQ

Correct : 2 Wrong : 2

Blackening in rifles is observed up to a distance of:

Options :

1. ☐ 1 mt
2. ☒ 1 ft
3. ☐ 5 inches
4. ☐ 10 inches
5. ☐ half meter

Question Number : 150 Question Id : 9593761800 Question Type : MCQ

Correct : 2 Wrong : 2

Addition of lands and grooves in barrel of firearms:

Options :

1. ✖ increases range
2. ✖ increases accuracy
3. ✔ increases range and accuracy
4. ✖ decreases range but increase accuracy
5. ✖ increases range but decreases accuracy

Question Number : 150 Question Id : 9593761800 Question Type : MCQ

Correct : 2 Wrong : 2

Addition of lands and groves in barrel of firearms:

Options :

1. ✖ increases range
2. ✖ increases accuracy
3. ✔ increases range and accuracy
4. ✖ decreases range but increase accuracy
5. ✖ increases range but decreases accuracy