

- Q 1 कौन-सी नीति का उद्देश्य भारत में एक सुरक्षित, सुलभ, वहनीय, और टिकाऊ एयर स्पोर्ट्स इकोसिस्टम बनाना है ?
- (1) द एयर स्पोर्ट्स पॉलिसी, 2022
 - (2) सस्तेनेबल एयर स्पोर्ट्स पॉलिसी, 2022
 - (3) द नेशनल एयर स्पोर्ट्स पॉलिसी, 2022
 - (4) द नेशनल सेफ एयर स्पोर्ट्स पॉलिसी, 2022
- Q 2 एन इ पी 2020 के संदर्भ में, निम्नलिखित में से कौन-सा **गलत** है ?
- (1) व्यावसायिक शिक्षा, उच्चतर शिक्षा प्रणाली से अलग होगी ।
 - (2) भारत में उच्चतर शिक्षण संस्थाओं का लक्ष्य ऐसी स्वतंत्र स्व-संचालित संस्थाएँ बनना होगा जो नवाचार तथा श्रेष्ठता प्रदान करेंगी ।
 - (3) कृषि शिक्षा को समवर्गी संकायों के साथ पुनः आरंभ किया जाएगा ।
 - (4) बुनियादी साक्षरता प्राप्ति के अवसर, शिक्षा प्राप्त करना और जीविका पालन को सभी नागरिकों का मूल अधिकार माना जाएगा ।
- Q 3 निम्नलिखित में से युवा, आगामी, बहुमुखी, लेखक (पीएम – युवा) योजना को कार्यान्वित करने वाली एजेंसी कौन-सी है ?
- (1) एन सी इ आर टी (राष्ट्रीय शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद)
 - (2) सी बी एस ई (केन्द्रीय माध्यमिक शिक्षा बोर्ड)
 - (3) एन बी टी (राष्ट्रीय पुस्तक न्यास)
 - (4) के वी एस (केन्द्रीय विद्यालय संगठन)
- Q 4 राज्य की 'आकस्मिक निधि' किसके अधीन है ?
- (1) राज्य की विधान सभा का अध्यक्ष
 - (2) राज्य का वित्त मंत्री
 - (3) भारत का राष्ट्रपति
 - (4) राज्य का राज्यपाल
- Q 5 निम्नलिखित में से किसने ऑस्ट्रेलियन ओपन महिला एकल खिताब (ऑस्ट्रेलियन ओपन वीमेंस सिंगल्स टाइटल), 2022 जीता ?
- (1) डेनियल कॉलिंग्स
 - (2) एलीसन रिस्के
 - (3) शेलबी रॉजर्स
 - (4) एशलै बार्टी
- Q 6 निम्नलिखित में से किस दशक को यूनाइटेड नेशन्स (संयुक्त राष्ट्रसंघ) द्वारा इंटरनेशनल डीकेड ऑफ इंडिजिनस लैंग्वेज (देशी भाषाओं का अंतर्राष्ट्रीय दशक) घोषित किया गया है ?
- (1) 2021 – 2030
 - (2) 2022 – 2032
 - (3) 2018 – 2028
 - (4) 2019 – 2028
- Q 7 वर्ष 2021 में रसायन शास्त्र में नोबल पुरस्कार पाने वाले कौन हैं ?
- (1) इम्मनुअल चारपन्टियर और जेनिफर ए. डाऊडना (Emmanuelle Charpentier and Jennifer A. Doudna)
 - (2) बेंजामिन लिस्ट और डेविड मेक् मिलन (Benjamin List and David MacMillan)

- (3) स्युकुरो मनाबे और क्लास हैसलमैन्न (Syukuro Manabe and Klaus Hasselmann)
- (4) जॉन बी. गुडइन्फ, एम. स्टेन्ली विट्टिंगहम और अकिरा योशिनो (John B. Goodenough, M. Stanley Whittingham and Akira Yoshino)

Q 8 विश्व हैप्पीनेस रिपोर्ट, 2022 में वर्ष 2019 – 2021 की हैप्पीनेस रैंकिंग में किस देश ने शीर्ष स्थान प्राप्त किया है ?

- (1) स्विटजरलैंड
- (2) डेनमार्क
- (3) फिनलैंड
- (4) नॉर्वे

Q 9 स्वतंत्रता दिवस, 2022 के अवसर पर भारतीय नौसेना के किस कार्मिक को नौसेना पदक (वीरता) से सम्मानित किया गया ?

- (1) लेफ्टिनेन्ट कमांडर मृत्युंजय कुमार
- (2) विनीत कुमार
- (3) विवेक शर्मा
- (4) लेफ्टिनेन्ट कमांडर विनीत जोशी

Q 10 यात्री नामाभिलेख सूचना विनियम, 2022 के बारे में निम्नांकित में से कौन-सा कथन **गलत** है ?

- (1) इसमें विमान सेवा प्रचालकों के लिए अनिवार्यता है कि वे अन्तर्राष्ट्रीय यात्रियों का ब्यौरा सीमा-शुल्क एजेंसी से साझा करें ।
- (2) नए कानून में, नियमों का पालन नहीं करने की दशा में कठोर दण्ड का प्रावधान है — प्रत्येक अननुपालन के मामले में न्यूनतम एक लाख रुपए और अधिकतम दस लाख रुपए अनुबद्ध है ।
- (3) यात्रियों के जोखिम का विश्लेषण नेशनल कस्टम्स टारगेटिंग सेन्टर-पैसेंजर्स (NTPC-P) करेगा ।
- (4) यात्रियों के प्रस्थान से 24 घंटे पहले एजेंसी को जानकारी प्राप्त हो जाएगी और किसी ज़ोखिम के संसूचित होने की दशा में उनके पास अनुक्रिया के लिए पर्याप्त समय होगा ।

Q पाँच मकान A, B, C, D तथा E एक ही लाइन में हैं। मकान A मकान B की दायीं ओर, मकान E मकान C की बायीं ओर तथा A की दायीं ओर है। मकान B मकान D की दायीं ओर है। तो कौन-सा मकान ठीक मध्य में है ?

- (1) D
- (2) C
- (3) B
- (4) A

Q नीचे एक प्रश्न दिया गया है जिसके बाद दो कथन I और II दिए गए हैं। निर्णय कीजिए कि कौन-सा/से कथन उत्तर देने के लिए पर्याप्त है/हैं।

A, B, C तथा D चार मित्र हैं। समूह में सबसे बड़ा कौन है ?

- I. D, B और C से बड़ा है परन्तु A से छोटा है।
 - II. C, A से छोटा है परन्तु B से बड़ा है।
- (1) अकेला I पर्याप्त है जबकि अकेला II पर्याप्त नहीं है
 - (2) अकेला II पर्याप्त है जबकि अकेला I पर्याप्त नहीं है
 - (3) या तो I या II पर्याप्त है
 - (4) न तो I न ही II पर्याप्त है

Q नीचे एक कथन दिया गया है जिसके बाद दो कार्यवाई I और II दिए गए हैं। कथन को सत्य मानिए तथा कथन में दी गई जानकारी के आधार पर यह निर्णय कीजिए कि सुझाई गई कौन-सी कार्यवाई तर्कसंगत रूप से अनुसरणीय है/हैं।

कथन:

शहर में डेंगू बुखार के मामले बढ़ रहे हैं।

कार्यवाई:

- I. मच्छर प्रजनन स्थलों को ढूँढ़ें व तुरंत उपचार करें।
 - II. रात के समय मच्छरदानी या मच्छर भगाने की दवाई का प्रयोग करें।
- (1) केवल I अनुसरणीय है
 - (2) केवल II अनुसरणीय है
 - (3) I और II दोनों अनुसरणीय हैं
 - (4) न तो I न ही II अनुसरणीय है

Q तीन कथनों के बाद दो निष्कर्ष I और II दिए गए हैं। ज्ञात कीजिए कि दिए गए कथनों के आधार पर कौन-सा/से निष्कर्ष सत्य है/हैं।

कथन:

1. $W > R < P$
2. $T \leq R$
3. $Q \geq W = S$

निष्कर्ष:

- I. $Q > P$
 - II. $T \leq S$
- (1) केवल निष्कर्ष I सत्य है।

- (2) केवल निष्कर्ष II सत्य है ।
- (3) निष्कर्ष I और II दोनों ही सत्य हैं ।
- (4) न ही निष्कर्ष I और न ही II सत्य है ।

Q एक व्यक्ति ने एक लड़के की ओर संकेत करके कहा, 'वह मेरे भाई के पिता की एकमात्र पुत्री का पुत्र है ।' वह लड़का
15 उस व्यक्ति से किस प्रकार सम्बन्धित है ?

- (1) भान्जा
- (2) भाई
- (3) चाचा
- (4) चचेरा भाई

Q दी गई श्रेणी का लुप्त पद ज्ञात कीजिए ।

16

1, 4, 27, 16, ?, 36, 343

- (1) 7
- (2) 32
- (3) 64
- (4) 125

Q श्रेणी का अगला पद ज्ञात कीजिए ।

17

W, C, I, O, ?

- (1) T
- (2) U
- (3) W
- (4) X

Q एक नदी उत्तर से दक्षिण दिशा में बह रही है । उसके बाद वह दायीं तरफ मुड़कर एक बड़ी इमारत के गर्द अर्धवृत्त में
18 घूमती है । उसके बाद 90° दायीं ओर मुड़कर कुछ दूरी तक बहने के बाद फिर 90° बायीं ओर घूम जाती है । अब नदी
के बहने की दिशा क्या है ?

- (1) पश्चिम से पूर्व
- (2) पूर्व से पश्चिम
- (3) उत्तर से दक्षिण
- (4) दक्षिण से उत्तर

Q नीचे दो कथन दिए गए हैं जिन्हें अभिकथन (A) और तर्क (R) चिह्नित किया गया है । कूट की सहायता से सही उत्तर का
19 चयन कीजिए ।

अभिकथन (A) :

खाने में सलाद (रफेज़) कब्ज़ होने को रोकता है ।

तर्क (R) :

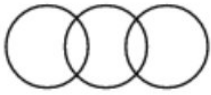
सलाद (रफेज़) भोजन में परिमाण जोड़ता है ।

- (1) (A) और (R) दोनों सही हैं और (A), (R) की सही व्याख्या है ।
- (2) (A) और (R) दोनों सही हैं परन्तु (R), (A) की सही व्याख्या नहीं है ।
- (3) (A) सही है परन्तु (R) गलत है ।
- (4) (A) गलत है परन्तु (R) सही है ।

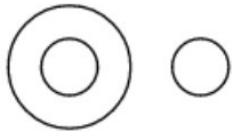
Q उस वैन आरेख को चुनिए जो चिकित्सकों, अध्यापकों और महिलाओं के बीच सम्बन्ध का सही निरूपण करता है ।



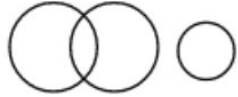
(1)



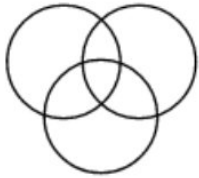
(2)



(3)



(4)



- Q 21 एक कम्प्यूटर सिस्टम में निम्नलिखित में से किसे इनपुट डिवाइस के रूप में प्रयोग **नहीं** किया जा सकता है ?
- (1) जॉयस्टिक
 - (2) टच पैड
 - (3) प्लॉटर
 - (4) कीबोर्ड
- Q 22 किसी कम्प्यूटर पर डाउनलोड किया गया और इंस्टॉल किया गया गैर-हानिकारक ई-मेल अटैचमेंट अथवा कोई प्रोग्राम जो वास्तव में दुर्भावपूर्ण होता है और वही काम करता है जिसके लिए अटैचर ने उसे डिज़ाइन किया है, कहलाता है
- (1) वायरस
 - (2) स्पैमिंग
 - (3) ट्रोजन होर्स
 - (4) फिशिंग
- Q 23 एक सॉफ्टवेयर जो किसी कम्प्यूटर सिस्टम या फाइल को मालवेयर से बचाता है, उसे स्कैन करता है, उसका पता लगाता है और उसे रिमूव करता है, कहलाता है
- (1) कुकीज़
 - (2) फायरवाल
 - (3) एंटीवायरस
 - (4) ब्राउज़र
- Q 24 पीहू बैकअप लेने के लिए नियमित रूप से अपने मोबाइल फोन को कम्प्यूटर के साथ कनेक्ट करती है। वह ऐसा करने के लिए निम्नलिखित में से किस प्रकार के नेटवर्क का प्रयोग करती है ?
- (1) एल ए एन (LAN)
 - (2) पी ए एन (PAN)
 - (3) एम ए एन (MAN)
 - (4) डब्ल्यू ए एन (WAN)
- Q 25 एक मानक संरूपण वाले कम्प्यूटर सिस्टम में, निम्नलिखित में से किसकी बाइट क्षमता सर्वाधिक होगी ?
- (1) हार्ड डिस्क (Hard Disk)
 - (2) रैम (RAM)
 - (3) डी वी डी रोम (DVD ROM)
 - (4) पेन ड्राइव (Pen Drive)
- Q 26 आप अध्यापकों को अपने प्रश्न-पत्र और असाइनमेंट तैयार करने के लिए निम्नलिखित में से किस ऑफिस टूल का प्रयोग करने का सुझाव देंगे ?
- (1) एम एस वर्ड
 - (2) एम एस पावरपॉइंट
 - (3) एम एस एक्सेल
 - (4) एम एस ऐक्सेस
- Q 27 अजय सेन ने एक डॉक्यूमेंट से एक टेक्स्ट कंटेंट को कॉपी किया और अब वह उस कॉपी किए गए कंटेंट को किसी दूसरे डॉक्यूमेंट में पेस्ट करना चाहता है। उसे इसके लिए कौन-से कीबोर्ड शॉर्टकट का प्रयोग करना चाहिए ?
- (1) Ctrl + C
 - (2) Ctrl + P

(3) Ctrl + V

(4) Ctrl + E

Q 28 एम एस वर्ड, एम एस एक्सेल, एम एस पावरपॉइंट जैसे एम एस ऑफिस टूल का प्रयोग करते समय F7 फंक्शन की का क्या उपयोग है ?

(1) 'Save As' ऑप्शन के साथ फाइल को सेव करने के लिए

(2) फाइल के कंटेंट को प्रिंट करने के लिए

(3) 'Find & Replace' डायलॉग बॉक्स के लिए

(4) 'Spell & Grammar Check' डायलॉग बॉक्स के लिए

Q 29 एक एंटीवायरस सॉफ्टवेयर उदाहरण है

(1) ऐप्लीकेशन सॉफ्टवेयर का

(2) प्रोग्रामिंग लैंग्वेज का

(3) यूटिलिटी सॉफ्टवेयर का

(4) ऑपरेटिंग सिस्टम का

Q 30 किसी वेबसाइट पर किसी वेबपेज के एड्रेस का वैकल्पिक नाम (ऑल्टरनेट नेम) क्या है ?

(1) आई पी एड्रेस (IP Address)

(2) फोल्डर नेम

(3) डोमेन नेम

(4) यू आर एल (URL)



Q 31 निम्न में से कौन-सा एक कथन सही है ?

शिक्षण एक

- (1) शुद्ध औपचारिक प्रक्रिया है
- (2) दिव्य प्रक्रिया है
- (3) ऐसी प्रक्रिया है जिससे सभी अधिगमकर्ताओं को आनन्द मिलता है
- (4) अन्तर्क्रियात्मक प्रक्रिया है

Q 32 शिक्षण का एक प्रमुख उद्देश्य है

- (1) अधिगमकर्ताओं को बहिर्मुखी बनाने में सहायता देना
- (2) अधिगमकर्ताओं के व्यवहार में वांछित परिवर्तन लाना
- (3) अधिगमकर्ताओं को जीवन में व्यावहारिक बनने का प्रशिक्षण देना
- (4) छात्रों की सफलता दर में वृद्धि करना

Q 33 एक अच्छे अध्यापक को किसके बिना **नहीं** पढ़ाना चाहिए ?

- (1) चॉक एवं डस्टर के बिना
- (2) समुचित सहायक शिक्षण सामग्री के बिना
- (3) अपने पढ़ाए जाने वाले विषय की पहले से ही विकसित मूल्यांकन रणनीति के बिना
- (4) समुचित पाठ योजना के बिना

Q 34 निम्न में से कौन-सा एक अधिगमकर्ता का महत्त्वपूर्ण लक्षण **नहीं** है ?

- (1) सीखने को तत्परता
- (2) अध्यापक के कहे पर ध्यान देना
- (3) अपनी गलतियों को स्वीकार करना
- (4) पढ़ाए जाने वाले प्रकरण की पूर्व से ही तैयारी करना

Q 35 निम्न में से कौन-से एक कारक को एक अध्यापक के शिक्षण में परिलक्षित होना चाहिए ?

- (1) प्राचार्य का व्यक्तित्व
- (2) कक्षा में छात्रों की पूर्ण उपस्थिति
- (3) कक्षा में ऐसे छात्रों की अनुपस्थिति जो ज्यादा सवाल पूछते हों
- (4) सामाजिक मुद्दे

Q 36 एक अच्छी शिक्षण विधि को अपनाकर एक अध्यापक को

- (1) छात्रों को परीक्षा में अच्छे अंक प्राप्त करने में सहायक होना चाहिए
- (2) स्कूली शिक्षा पास करने के बाद छात्रों को सर्वश्रेष्ठ संस्थानों में प्रवेश करने में सहायक होना चाहिए
- (3) जीवन के हर क्षेत्र में समस्याओं के हल निकालने में सहायक होना चाहिए
- (4) छात्रों को उनके भविष्य बनाने में सहायक होना चाहिए

Q 37 नैतिक शिक्षा पढ़ाने हेतु कौन-सी सर्वश्रेष्ठ विधियाँ हैं ?

- (1) अध्यापक-केन्द्रित शिक्षण विधियाँ
- (2) अधिगमकर्ता-केन्द्रित शिक्षण विधियाँ
- (3) अन्तर्क्रियात्मक/सहभागिता आधारित शिक्षण विधियाँ
- (4) विषय-वस्तु-केन्द्रित शिक्षण विधियाँ

Q 38 वरिष्ठ माध्यमिक छात्रों की “विश्व शांति” प्रकरण पर पढ़ाने हेतु सर्वश्रेष्ठ शिक्षण सहायक सामग्री कौन-सी होगी ?



- (1) चार्ट और नक्शे
- (2) कहानी और किस्से-आधारित फिल्मों
- (3) कठपुतली प्रदर्शन (शो)
- (4) संयुक्त राष्ट्र संघ द्वारा विकसित श्रव्य सामग्री

Q 39 निम्न पर आलोचनात्मक रूप से निर्णय लीजिए :

अभिकथन (A) :

किशोरावस्था तनाव एवं झंझावात की एक अवस्था है ।

तर्क (R) :

किशोरावस्था में, किशोरों की ज्ञान प्राप्ति एवं उसे प्रयोग करने की क्षमता अपने शिखर पर होती है ।

सही विकल्प का चयन कीजिए ।

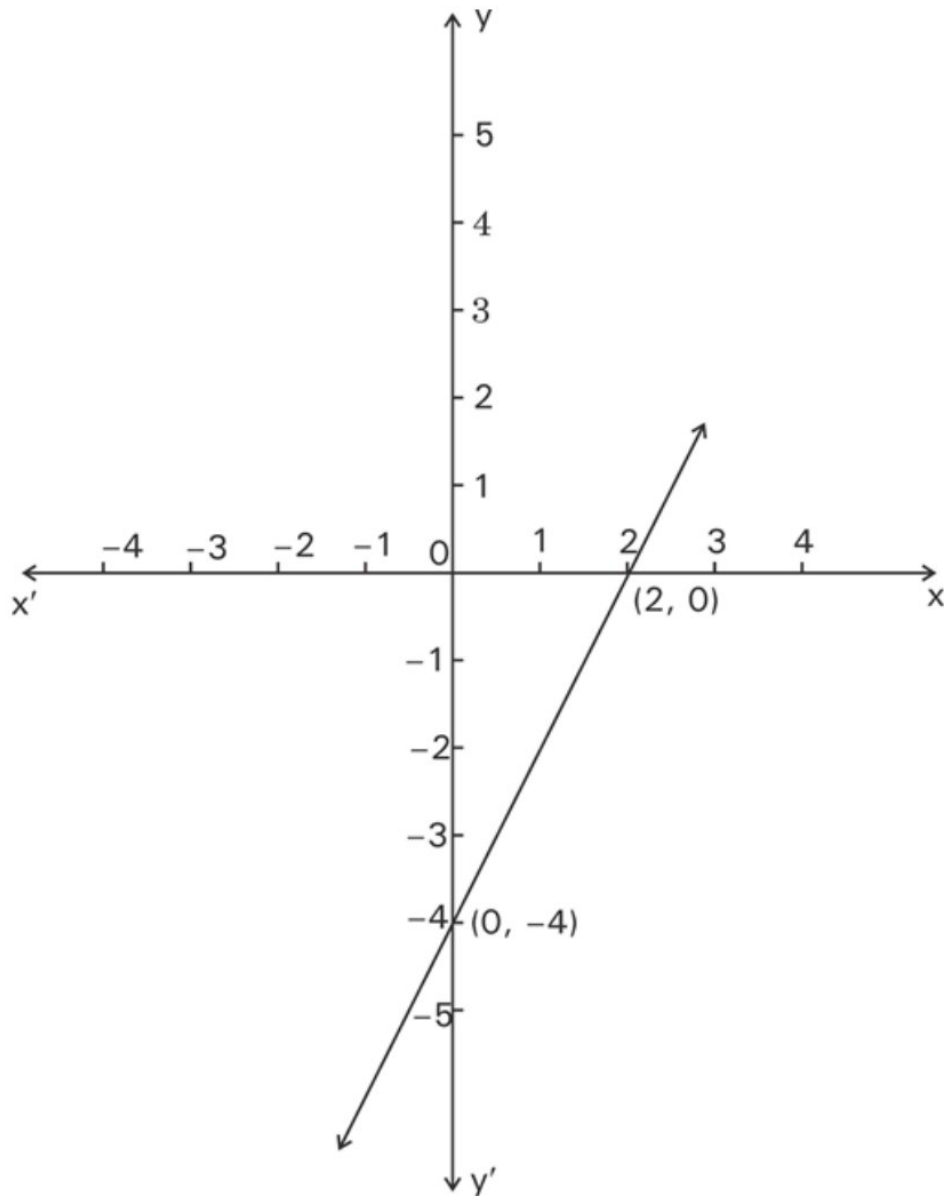
- (1) (A) असत्य है किंतु (R) सत्य है ।
- (2) (A) सत्य है किंतु (R) असत्य है ।
- (3) (A) और (R) दोनों सत्य हैं किंतु (R), (A) का सही स्पष्टीकरण नहीं है ।
- (4) (A) और (R) दोनों सत्य हैं किंतु (R), (A) का सही स्पष्टीकरण है ।

Q 40 कक्षा में शिक्षण-अधिगम में अध्यापकों द्वारा शिक्षण-अधिगम सामग्री का प्रयोग सार्थक है क्योंकि शिक्षण-अधिगम सामग्री

- (1) अधिगम को अधिक अर्थपूर्ण बनाती है
- (2) अध्यापक के कार्य को बल प्रदान करती है
- (3) विद्यार्थियों को एकाग्रचित होने में सहायता करती है
- (4) विद्यार्थियों की इन्द्रियों को क्रियाशील बनाती है

- Q 41 The largest number that divides 247 and 1031 leaving remainder 7 in each case is
- (1) 15
 - (2) 9
 - (3) 16
 - (4) 64
- Q 42 If we multiply or divide two irrational numbers, the result is a/an
- (1) rational number
 - (2) irrational number
 - (3) rational or irrational number
 - (4) natural number
- Q 43 Euclid's division lemma states that for any positive integers a and b there exist unique integers q and r such that $a = bq + r$, where r must satisfy
- (1) $1 < r < b$
 - (2) $0 < r \leq b$
 - (3) $0 \leq r < b$
 - (4) $0 < r < b$
- Q 44 a and b are two positive integers such that the least prime factor of a is 3 and least prime factor of b is 5. The least prime factor of $a + b$ is
- (1) 2
 - (2) 3
 - (3) 5
 - (4) 8
- Q 45 A quadratic polynomial has at most
- (1) 1 term
 - (2) 2 terms
 - (3) 3 terms
 - (4) 4 terms
- Q 46 If $(x + 2)$ and $(2x - 1)$ are factors of $ax^2 + 3x + b$, then
- (1) $a > b$
 - (2) $a = b$
 - (3) $a < b$
 - (4) $a \leq b$
- Q 47 $(x + 1)$ is a factor of $x^n + 1$ only if n is a/an
- (1) prime number
 - (2) natural number
 - (3) even number
 - (4) odd number
- Q 48 The zeroes of quadratic polynomial $x^2 + 88x + 125$ are
- (1) both positive
 - (2) one positive and one negative
 - (3) both negative
 - (4) both equal

- Q 49 If one of the zeroes of cubic polynomial $ax^3 + bx^2 + cx + d$ is zero, then the product of other two zeroes is
- (1) $-\frac{b}{a}$
 - (2) $\frac{c}{a}$
 - (3) 0
 - (4) $-\frac{c}{a}$
- Q 50 The equation $2x + 3y = 12$ has
- (1) infinite solutions
 - (2) three solutions
 - (3) two solutions
 - (4) a unique solution
- Q 51 The cost of a pen (say ₹ x) is 3 rupees more than the cost of 4 pencils (say ₹ y per pencil). The linear equation in two variables for the above statement is
- (1) $4x = y + 3$
 - (2) $x = 4y + 3$
 - (3) $x + 3 = 4y$
 - (4) $4x + 3 = y$
- Q 52 The graphs of $x + 2y = 7$ and $2x + 4y = 14$
- (1) coincide with each other
 - (2) intersect each other
 - (3) are parallel to each other
 - (4) are perpendicular to each other
- Q 53 Select the equation whose graph it is from the choices given below :



- (1) $x + y = 0$
- (2) $y = 2x$
- (3) $y = 2x + 1$
- (4) $y = 2x - 4$

Q 54 If a pair of linear equations in two variables has infinite number of solutions, then the lines represented by these equations are

- (1) intersecting lines
- (2) coincident lines
- (3) parallel lines
- (4) perpendicular lines

Q 55 If a pair of linear equations $2x + 3y = 11$ and $(m + n)x + (2m - n)y = 33$ has infinitely many solutions, then

- (1) $m = 1, n = 5$
- (2) $m = -1, n = 5$
- (3) $m = 5, n = -1$
- (4) $m = 5, n = 1$

Q 56 The system $x + 2y = 3$ and $5x + ky = 7$ has no solution when

- (1) $k = 10$
- (2) $k \neq 10$
- (3) $k = -\frac{7}{3}$
- (4) $k = -21$

Q 57 Choose the correct answer for the pair of linear equations :

$$4x + 6y = 3xy$$

$$8x + 9y = 5xy$$

- (1) $x = 2, y = 3$
- (2) $x = 1, y = 2$
- (3) $x = 3, y = 4$
- (4) $x = 1, y = -1$

Q 58 For which values of λ , do the pair of linear equations $\lambda x + y = \lambda^2$ and $x + \lambda y = 1$ have a unique solution ?

- (1) $\lambda = 1$
- (2) $\lambda \neq -1$
- (3) $\lambda \neq 0$
- (4) All real values of λ except ± 1

Q 59 If the equation $x^2 - mx + 1 = 0$ has two distinct roots, then

- (1) $|m| = 2$
- (2) $|m| > 2$
- (3) $|m| < 2$
- (4) $m > -2$

Q 60 If the sum of roots of equation $kx^2 + 2x + 3k = 0$ is equal to their product, then the value of k is

- (1) $\frac{1}{3}$
- (2) $-\frac{1}{3}$
- (3) $\frac{2}{3}$
- (4) $-\frac{2}{3}$

Q 61 If one root of $5x^2 + 13x + k = 0$ be reciprocal of the other root, then value of k is

- (1) 0
- (2) 5
- (3) 2
- (4) 1

Q 62 If 1 is a root of equations $ay^2 + ay + 3 = 0$ and $y^2 + y + b = 0$, then the value of ab is

- (1) -3
- (2)



$$\frac{3}{2}$$

(3) 3

(4) $-\frac{3}{2}$

Q 63 The roots of equation $2\sqrt{3}x^2 - 5x + \sqrt{3} = 0$ are

(1) $\frac{\sqrt{3}}{2}, \frac{1}{\sqrt{3}}$

(2) $\frac{\sqrt{3}}{2}, -\frac{1}{\sqrt{3}}$

(3) $-\frac{\sqrt{3}}{2}, -\frac{1}{\sqrt{3}}$

(4) $-\frac{\sqrt{3}}{2}, \frac{1}{\sqrt{3}}$

Q 64 The first and last terms of an A.P. are 1 and 11 respectively and the sum of all its terms is 36. The number of terms in this A.P. is

(1) 8

(2) 7

(3) 6

(4) 5

Q 65 If the sum of first n terms of an A.P. is $\frac{n}{2}(3n + 5)$, then its 25th term is

(1) 76

(2) 73

(3) 79

(4) 70

Q 66 If 4, $x_1, x_2, x_3, 28$ are in A.P., then x_3 equals

(1) 19

(2) 23

(3) 22

(4) 25

Q 67 How many two-digit numbers are divisible by 3 ?

(1) 25

(2) 30

(3) 32

(4) 36

Q 68 The sum of first 40 positive integers divisible by 6 is

(1) 2460

(2) 4920

(3) 3640



(4) 4860

Q 69 If P(2, 2), Q(-4, -4) and R(5, -8) are the vertices of a Δ PQR, the length of median through R is

(1) $\sqrt{117}$ units

(2) $\sqrt{85}$ units

(3) $\sqrt{113}$ units

(4) $\sqrt{65}$ units

Q 70 If the points (k, 2k); (3k, 3k) and (3, 1) are collinear, then the value of k is

(1) $\frac{1}{3}$

(2) $\frac{2}{3}$

(3) $-\frac{1}{3}$

(4) $-\frac{2}{3}$

Q 71 The coordinates of the consecutive vertices of parallelogram are (1, 3), (-1, 2) and (2, 5). The coordinate of fourth vertex is

(1) (4, 6)

(2) (6, 4)

(3) (-4, -6)

(4) (-2, 0)

Q 72 In what ratio does x-axis divide the line segment joining the points A(2, -3) and B(5, 6) ?

(1) 2 : 1

(2) 2 : 3

(3) 3 : 5

(4) 1 : 2

Q 73 If the points A(1, 2), O(0, 0) and C(a, b) are collinear, then

(1) $2a = b$

(2) $a + b = 0$

(3) $a = 2b$

(4) $a = b$

Q 74 The perimeter of a Δ is 24 cm. If lengths of the sides of Δ are represented by prime numbers, the area of the triangle is

(1) $\sqrt{30}$ cm²

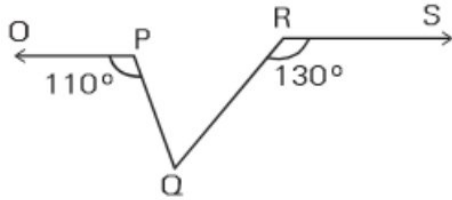
(2) $2\sqrt{30}$ cm²

(3) $4\sqrt{30}$ cm²

(4) $8\sqrt{30}$ cm²

Q 75 In the figure if $OP \parallel RS$, $\angle OPQ = 110^\circ$ and $\angle QRS = 130^\circ$, then $\angle PQR = ?$



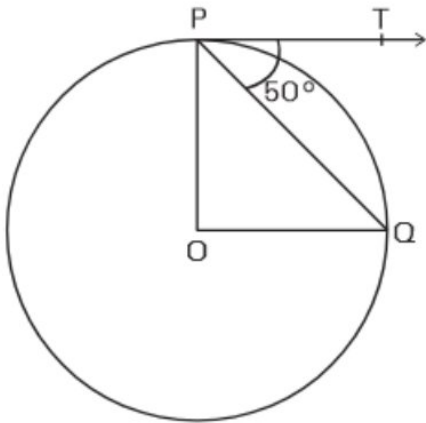


- (1) 60°
- (2) 40°
- (3) 50°
- (4) 70°

Q 76 If ABCD is a cyclic quadrilateral such that AB is a diameter of the circle circumscribing it and $\angle ADC = 140^\circ$, then $\angle BAC$ is equal to

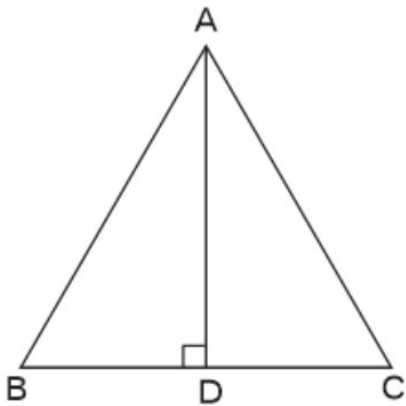
- (1) 80°
- (2) 50°
- (3) 40°
- (4) 30°

Q 77 In the given figure, O is center of the circle and PT is a tangent to the circle. If PQ is a chord such that $\angle QPT = 50^\circ$, then $\angle POQ = ?$



- (1) 90°
- (2) 75°
- (3) 100°
- (4) 80°

Q 78 In an equilateral triangle ABC, if $AD \perp BC$, then which of the following is true ?



- (1) $2 AB^2 = 3 AD^2$
- (2) $4 AB^2 = 3 AD^2$
- (3) $3 AB^2 = 4 AD^2$
- (4) $3 AB^2 = 2 AD^2$

Q 79 In an isosceles ΔABC , if $AC = BC$ and $AB^2 = 2AC^2$, then $\angle C = ?$

- (1) 30°
- (2) 60°
- (3) 45°
- (4) 90°

Q 80 In ΔABC , if $\angle B = 90^\circ$ and $\tan A = \frac{1}{\sqrt{3}}$, then the value of

$\sin A \cos C + \cos A \sin C$ is

- (1) $\frac{\sqrt{3}}{4}$
- (2) $\frac{1}{4}$
- (3) 1
- (4) $\frac{\sqrt{3}}{2}$

Q 81 If $\sin A + \sin^2 A = 1$, then $\cos^2 A + \cos^4 A$ is equal to

- (1) -1
- (2) 1
- (3) 2
- (4) 0

Q 82 Simplify :

$$\frac{\sin^2 22^\circ + \sin^2 68^\circ}{\cos^2 22^\circ + \cos^2 68^\circ} + \sin^2 63^\circ + \cos 63^\circ \sin 27^\circ$$

- (1) 0
- (2) 1
- (3) 2
- (4) -2

Q 83 If $\tan \theta = \frac{a}{b}$, then $\frac{a \sin \theta - b \cos \theta}{a \sin \theta + b \cos \theta}$ equals

- (1) $\frac{a^2}{a^2 + b^2}$
- (2) $\frac{b^2}{a^2 + b^2}$
- (3) $\frac{a^2 + b^2}{a^2 - b^2}$

$$(4) \frac{a^2 - b^2}{a^2 + b^2}$$

Q 84 The tops of two towers of height x and y units standing on level ground subtend angles of 30° and 60° respectively at the centre of the line joining their feet. Then $x : y$ is

- (1) 1 : 2
- (2) 2 : 1
- (3) 1 : 3
- (4) 3 : 1

Q 85 If $\sin \theta - \cos \theta = 0$, then the value of $(\sin^4 \theta + \cos^4 \theta)$ is

- (1) $\frac{1}{2}$
- (2) 1
- (3) $\frac{1}{4}$
- (4) $\frac{3}{4}$

Q 86 On increasing the diameter of a circle by 40%, its area will be increased by

- (1) 40%
- (2) 80%
- (3) 96%
- (4) 82%

Q 87 The circumferences of two circles are in the ratio of 3 : 4. The ratio of their areas is

- (1) 3 : 4
- (2) 4 : 3
- (3) 9 : 16
- (4) 16 : 9

Q 88 A chord of a circle of radius 10 cm subtends a right angle at the centre. The area of minor segment is (use $\pi = 3.14$)

- (1) 32.5 cm^2
- (2) 28.5 cm^2
- (3) 34.5 cm^2
- (4) 30.5 cm^2

Q 89 A rectangular sheet of paper $40 \text{ cm} \times 22 \text{ cm}$ is rolled to form a hollow cylinder of height 40 cm. The radius of the cylinder (in cm) is

- (1) $\frac{80}{7}$
- (2) 7
- (3) 5
- (4) 3.5

Q 90 The radii of two cylinders are in the ratio of 2 : 3 and their heights are in the ratio of 5 : 3. The ratio of their volumes is

- (1) 27 : 20



- (2) 20 : 27
- (3) 4 : 9
- (4) 9 : 4

Q 91 A hollow metallic sphere with external diameter 8 cm and internal diameter 4 cm is melted and moulded into a cone having base radius 4 cm. The height of the cone is

- (1) 12 cm
- (2) 15 cm
- (3) 14 cm
- (4) 18 cm

Q 92 The mean of 4, 9, 8 and $x + 2$ is 7 and mean of 20, 3, 8, $x + 2$, $y + 2$ is 11. The value of y is

- (1) 7
- (2) 11
- (3) 13
- (4) 15

Q 93 If the median of 7, 11, $2x - 1$, $2x + 1$, 23 and 29 written in ascending order is 18, then x is equal to

- (1) 9
- (2) 7
- (3) 13
- (4) 15

Q 94 If the mean of observations x , $x + 3$, $x + 5$, $x + 7$ and $x + 10$ is 11, then the mean of last three observations is

- (1) $12\frac{2}{3}$
- (2) $12\frac{1}{3}$
- (3) $14\frac{2}{3}$
- (4) $13\frac{1}{3}$

Q 95 In a frequency distribution, the mid value of a class is 12 and the width of the class is 8. The lower limit of class is

- (1) 7
- (2) 8
- (3) 10
- (4) 9

Q 96 If A and B are matrices of same order, then $(AB' - BA')$ is a

- (1) skew-symmetric matrix
- (2) null matrix
- (3) symmetric matrix
- (4) unit matrix

Q 97 If $A = \begin{bmatrix} 1 & 0 & -1 \\ 2 & 1 & -1 \\ 2 & 3 & 2 \end{bmatrix}$, then the top row of A^{-1} is

- (1) $\begin{bmatrix} 2 & 0 & -1 \end{bmatrix}$
 (2) $\begin{bmatrix} 2 & -1 & \frac{1}{2} \end{bmatrix}$
 (3) $\begin{bmatrix} 5 & 6 & 4 \end{bmatrix}$
 (4) $\begin{bmatrix} 5 & -3 & 1 \end{bmatrix}$

Q 98 For what value of k, the equations

$$2x - 3y + 2z = a,$$

$$5x + 4y - 2z = -3, \text{ and}$$

$$x - 13y + kz = 9$$

will not have a unique solution ?

- (1) 8
 (2) 3
 (3) 2
 (4) 6

Q 99 The solution set of $|2x + 3| > 5$ is

- (1) $(-\infty, -4)$
 (2) $(1, \infty)$
 (3) $(-\infty, -4) \cup (1, \infty)$
 (4) $(-\infty, -1) \cup (4, \infty)$

Q 100 For all vectors u and v of an inner product space Cauchy – Schwarz Inequality is given by

- (1) $\langle u, v \rangle^2 \geq \langle u, u \rangle \langle v, v \rangle$
 (2) $\langle u, v \rangle^2 \leq \langle u, u \rangle$
 (3) $\langle u, v \rangle^2 \leq \langle u, u \rangle \langle v, v \rangle$
 (4) $\langle u, v \rangle^2 \leq \langle v, v \rangle$

Q 101 For positive sets of numbers, which of these is true ?

- (1) $AM \geq GM \geq HM$
 (2) $HM \geq GM \geq AM$
 (3) $AM > GM > HM$
 (4) $GM > AM > HM$

Q 102 One card is drawn from a well-shuffled deck of 52 cards. The probability that the card will not be an ace is

- (1) $\frac{12}{13}$
 (2) $\frac{1}{13}$
 (3) $\frac{3}{13}$

(4) $\frac{4}{13}$

Q 103 A committee of two persons is selected from two men and two women. What is the probability that the committee will have no man ?

(1) $\frac{2}{3}$

(2) $\frac{1}{6}$

(3) $\frac{1}{3}$

(4) $\frac{1}{2}$

Q 104 A class has 175 students. The number of students studying one or more of the subjects in this class is as below :

Mathematics 100, Physics 70, Chemistry 46, Mathematics and Physics 30, Mathematics and Chemistry 28, Physics and Chemistry 28, Mathematics, Physics and Chemistry 18.

The number of students enrolled in Mathematics alone is :

(1) 13

(2) 35

(3) 60

(4) 32

Q 105 The value of x satisfying $150x \equiv 35 \pmod{31}$ is

(1) 14

(2) 22

(3) 24

(4) 12

Q 106 The last digit of 6^{500} is

(1) 5

(2) 7

(3) 6

(4) 4

Q 107 If $5^n + 5^{n-1} = 30$, then the value $(2n)^{n/2}$ is

(1) 12

(2) 4

(3) 6

(4) 8

Q 108 If $\log_{0.3}(x-1) < \log_{0.09}(x-1)$, then the value of x will lie in the interval

(1) $(2, \infty)$

(2) $(-2, -1)$

(3) $(1, 2)$

(4) $(-2, 1)$



Q 109 The sum of two irrational numbers is

- (1) Rational
- (2) Irrational
- (3) Real
- (4) Integer

Q 110 The number of positive divisors of 252 is

- (1) 5
- (2) 9
- (3) 10
- (4) 18

Q 111 The greatest coefficient in the expansion of $(1 + x)^{10}$ is

- (1) $\frac{10!}{5!6!}$
- (2) $\frac{10!}{2!8!}$
- (3) $\frac{10!}{5!5!}$
- (4) $\frac{10!}{5!4!}$

Q 112 If the coefficient of r^{th} , $(r + 1)^{\text{th}}$ and $(r + 2)^{\text{th}}$ terms in the expansion of $(1 + x)^{14}$ are in A.P., then the value of r is

- (1) 5 or 8
- (2) 5 or 9
- (3) 4 or 9
- (4) 6 or 7

Q 113 The value of $\lim_{n \rightarrow \infty} \left\{ \frac{[n]}{n} \right\}^{1/n}$ is

- (1) 1
- (2) -1
- (3) e^{-1}
- (4) e

Q 114 The function f , given by $f(x) = \begin{cases} \frac{\sin x^2}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$ is

- (1) continuous and differentiable at $x = 0$
- (2) neither continuous nor derivable at $x = 0$
- (3) continuous but not derivable at $x = 0$
- (4) limit does not exist

Q 115 The solution to the recurrence relation $a_n = a_{n-1} + 2n$, $a_0 = 2$ is

- (1) $4n + 7$
- (2)

- $n^2 + n + 2$
- (3) $3n^2$
- (4) $\frac{5(n + 1)}{2}$

Q 116 Find the expectation of a random variable x.

x	0	1	2	3
f(x)	$\frac{1}{6}$	$\frac{2}{6}$	$\frac{2}{6}$	$\frac{1}{6}$

- (1) 1
- (2) 2
- (3) 1.5
- (4) 2.5
- Q 117 Which of the following technique is an analysis of the relationship between two variables to help provide the prediction mechanism ?
- (1) Standard Error
- (2) Correlation
- (3) Regression
- (4) Mean
- Q 118 Find the mean of a random variable x if

$$f(x) = \begin{cases} x - \frac{5}{2}, & 0 < x < 1 \\ 2x, & 1 < x < 2 \\ 0, & x > 2 \end{cases}$$

- (1) 1.75
- (2) 2.75
- (3) 3.75
- (4) 4.75
- Q 119 The differential coefficient of $\tan^{-1}\left(\frac{2x}{1-x^2}\right)$ with respect to $\sin^{-1}\left(\frac{2x}{1+x^2}\right)$ is equal to
- (1) $\frac{2(1+x^2)}{1-x^2}$
- (2) $\frac{2(1-x^2)}{1+x^2}$
- (3) 0
- (4) 1

Q 120 $\int_0^{\infty} e^{-a^2x^2} dx$ is equal to

- (1) $\sqrt{\pi}$

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options.

This was the kind of jail where we were to pass the rest of our life. The stout white man whom we had seen was the head of this establishment and had been in-charge of it from the time the new jail had been built. His name was Mr. Barry. He was a model jailor. He had spent the greater part of his life among the most notorious criminals of India, and had so much experience of their criminal tendencies that there was no place in his intellect for any of the ordinary human qualities.

Except the convicts, he could not mix with any other person, English or Indian; he did not like to go to them, nor did they like his society. The other petty officers selected from among the convicts — jamadars — cringed to him so much that he had come to regard himself almost as an emperor, and would say that within the jail he was the Great Lord. His twenty-five years' life among the convicts had shaped his thoughts to resemble theirs. Day and night he would talk or crack jokes with them or hear their complaints about one another.

Q
121 What was special about this jail ?

- (1) The jailor was a kind-hearted man.
- (2) He was a worshipper of the Great Lord.
- (3) This jail was built 25 years ago.
- (4) It was built on the top of a hill.

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options.

This was the kind of jail where we were to pass the rest of our life. The stout white man whom we had seen was the head of this establishment and had been in-charge of it from the time the new jail had been built. His name was Mr. Barry. He was a model jailor. He had spent the greater part of his life among the most notorious criminals of India, and had so much experience of their criminal tendencies that there was no place in his intellect for any of the ordinary human qualities.

Except the convicts, he could not mix with any other person, English or Indian; he did not like to go to them, nor did they like his society. The other petty officers selected from among the convicts — jamadars — cringed to him so much that he had come to regard himself almost as an emperor, and would say that within the jail he was the Great Lord. His twenty-five years' life among the convicts had shaped his thoughts to resemble theirs. Day and night he would talk or crack jokes with them or hear their complaints about one another.

Q
122 Which of the following statements is true ?

- (1) Mr. Barry was very popular among the criminals.
- (2) He himself had once been a criminal.
- (3) Living among the criminals had hardened him emotionally.
- (4) His jamadars obeyed him very affectionately.

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options.

This was the kind of jail where we were to pass the rest of our life. The stout white man whom we had seen was the head of this establishment and had been in-charge of it from the time the new jail had been built. His name was Mr. Barry. He was a model jailor. He had spent the greater part of his life among the most notorious criminals of India, and had so much experience of their criminal tendencies that there was no place in his intellect for any of the ordinary human qualities.

Except the convicts, he could not mix with any other person, English or Indian; he did not like to go to them, nor did they like his society. The other petty officers selected from among the convicts — jamadars — cringed to him so much that he had come to regard himself almost as an emperor, and would say that within the jail he was the Great Lord. His twenty-five years' life among the convicts had shaped his thoughts to resemble theirs. Day and night he would talk or crack jokes with them or hear their complaints about one another.

Q Study the following statements :



- 123 A. Mr. Barry liked to visit other white men outside the jail.
B. He and his prisoners thought alike.
- (1) A is correct and B is incorrect
 - (2) B is correct and A is incorrect
 - (3) Both A and B are correct
 - (4) Both A and B are incorrect

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options.

This was the kind of jail where we were to pass the rest of our life. The stout white man whom we had seen was the head of this establishment and had been in-charge of it from the time the new jail had been built. His name was Mr. Barry. He was a model jailor. He had spent the greater part of his life among the most notorious criminals of India, and had so much experience of their criminal tendencies that there was no place in his intellect for any of the ordinary human qualities.

Except the convicts, he could not mix with any other person, English or Indian; he did not like to go to them, nor did they like his society. The other petty officers selected from among the convicts — jamadars — cringed to him so much that he had come to regard himself almost as an emperor, and would say that within the jail he was the Great Lord. His twenty-five years' life among the convicts had shaped his thoughts to resemble theirs. Day and night he would talk or crack jokes with them or hear their complaints about one another.

Q Study the following statements :

124

- A. The jailor was responsible for the congenial atmosphere in the jail.
 - B. He loved to crack jokes with the criminals.
 - C. Some of the convicts acted as officials too.
- (1) A and B are correct, but C is incorrect.
 - (2) B and C are correct, but A is incorrect.
 - (3) A and C are correct, but B is incorrect.
 - (4) A and B are incorrect, but C is correct.

Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options.

This was the kind of jail where we were to pass the rest of our life. The stout white man whom we had seen was the head of this establishment and had been in-charge of it from the time the new jail had been built. His name was Mr. Barry. He was a model jailor. He had spent the greater part of his life among the most notorious criminals of India, and had so much experience of their criminal tendencies that there was no place in his intellect for any of the ordinary human qualities.

Except the convicts, he could not mix with any other person, English or Indian; he did not like to go to them, nor did they like his society. The other petty officers selected from among the convicts — jamadars — cringed to him so much that he had come to regard himself almost as an emperor, and would say that within the jail he was the Great Lord. His twenty-five years' life among the convicts had shaped his thoughts to resemble theirs. Day and night he would talk or crack jokes with them or hear their complaints about one another.

Q 125 'The stout white man'. The underlined word does **not** mean the same as

- (1) frail
- (2) unyielding
- (3) hardy
- (4) sturdy

Q Which part of the following sentence has an error ?

126

If you care / for geology / there is work for you / in the Himalayas to Ceylon.

- (a) (b) (c) (d)



- (1) (a)
- (2) (b)
- (3) (c)
- (4) (d)

Q Complete the sentence given below with the help of options that follow :
127

A working party has been set up to _____ the problem.

- (1) look back
- (2) look into
- (3) look in
- (4) look around

Q He could not write even a simple report.
128

In which of the following options has the VOICE in the above sentence been correctly changed ?

- (1) Even a simple report had not been written by him.
- (2) A simple report was not written by him.
- (3) A simple report can be written by him.
- (4) Even a simple report could not be written by him.

Q He could not pull out with any other person.
129

In which of the following sentences has the above sentence been correctly improved ?

- (1) He could not pull into with any other person.
- (2) He could not pull on with any other person.
- (3) He could not pull for with any other person.
- (4) He could not pull up with any other person.

Q Restructure the following parts into a correct sentence.
130

- A. that has impressed
- B. is the Indian people's
- C. one Indian virtue
- D. me greatly and deeply
- E. freedom from rancour

- (1) C D A E B
- (2) C A D B E
- (3) B A D C E
- (4) E B C D A



Q 131 'माता-पिता' में समास है

- (1) तत्पुरुष
- (2) कर्मधारय
- (3) द्वन्द्व
- (4) बहुव्रीहि

Q 132 निम्नलिखित में व्यंजन संधि का उदाहरण है :

- (1) रवीन्द्र
- (2) देवर्षि
- (3) पित्राज्ञा
- (4) जगन्नाथ

Q 133 निम्नलिखित में कौन-सा विलोमार्थी शब्द-युग्म सही **नहीं** है ?

- (1) कर्म – सुकर्म
- (2) गुरु – लघु
- (3) गुप्त – प्रकट
- (4) धूप – छाँह

Q 134 निम्नलिखित में 'गगन' का पर्यायवाची शब्द **नहीं** है :

- (1) व्योम
- (2) नभ
- (3) अंबर
- (4) नीरद

Q 135 निम्नलिखित वाक्यों में शुद्ध वाक्य है :

- (1) वह खाना खा लिया क्योंकि भूखा था ।
- (2) तुम सारा दोष अपने सिर पर क्यों लेते हो ?
- (3) तुम सारा दोष अपने सिर क्यों लेते हो ?
- (4) तुम दोष सारा अपने सिर पर क्यों लेते हो ?

Q 136 'जो कल्पना से बाहर की वस्तु हो' के लिए एक शब्द है :

- (1) अकल्पनीय
- (2) अविवेच्य
- (3) कल्पनातीत
- (4) यथार्थ

Q 137 निम्नलिखित में 'अपने पैरों पर खड़े होना' मुहावरे का सही अर्थ है :

- (1) नौकरी करना
- (2) स्वस्थ होना
- (3) स्वावलंबी होना
- (4) बहुत धन कमाना

निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और उसके आधार पर दिए गए प्रश्नों के उत्तर दीजिए :

कष्ट या हानि के भेद के अनुसार उत्साह के भी भेद हो जाते हैं । साहित्य-मीमांसकों ने इसी दृष्टि से युद्ध-वीर, दान-वीर, दया-वीर भेद किए हैं । इनमें सबसे प्राचीन और प्रधान युद्ध वीरता है, जिसमें आघात, पीड़ा क्या, मृत्यु तक की परवा नहीं

रहती । इस प्रकार की वीरता का प्रयोजन अत्यंत प्राचीन काल से पड़ता चला आ रहा है, जिसमें साहस और प्रयत्न दोनों चरम उत्कर्ष पर पहुँचते हैं । पर केवल कष्ट या पीड़ा सहन करने के साहस में ही उत्साह का स्वरूप स्फुरित नहीं होता । उसके साथ आनन्द-पूर्ण प्रयत्न या उसकी उत्कंठा का योग चाहिए । बिना बेहोश हुए भारी फोड़ा चिराने को तैयार होना साहस कहा जाएगा, पर उत्साह नहीं ।

Q 138 गद्यांश के अनुसार निम्नलिखित में सबसे प्राचीन भेद है :

- (1) दया वीरता
- (2) दान वीरता
- (3) युद्ध वीरता
- (4) सहनशीलता

निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और उसके आधार पर दिए गए प्रश्नों के उत्तर दीजिए :

कष्ट या हानि के भेद के अनुसार उत्साह के भी भेद हो जाते हैं । साहित्य-मीमांसकों ने इसी दृष्टि से युद्ध-वीर, दान-वीर, दया-वीर भेद किए हैं । इनमें सबसे प्राचीन और प्रधान युद्ध वीरता है, जिसमें आघात, पीड़ा क्या, मृत्यु तक की परवा नहीं रहती । इस प्रकार की वीरता का प्रयोजन अत्यंत प्राचीन काल से पड़ता चला आ रहा है, जिसमें साहस और प्रयत्न दोनों चरम उत्कर्ष पर पहुँचते हैं । पर केवल कष्ट या पीड़ा सहन करने के साहस में ही उत्साह का स्वरूप स्फुरित नहीं होता । उसके साथ आनन्द-पूर्ण प्रयत्न या उसकी उत्कंठा का योग चाहिए । बिना बेहोश हुए भारी फोड़ा चिराने को तैयार होना साहस कहा जाएगा, पर उत्साह नहीं ।

Q 139 गद्यांश के अनुसार साहित्य मीमांसकों ने उत्साह के निम्नलिखित में से कितने भेद किए हैं ?

- (1) दो
- (2) तीन
- (3) चार
- (4) पाँच

निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और उसके आधार पर दिए गए प्रश्नों के उत्तर दीजिए :

कष्ट या हानि के भेद के अनुसार उत्साह के भी भेद हो जाते हैं । साहित्य-मीमांसकों ने इसी दृष्टि से युद्ध-वीर, दान-वीर, दया-वीर भेद किए हैं । इनमें सबसे प्राचीन और प्रधान युद्ध वीरता है, जिसमें आघात, पीड़ा क्या, मृत्यु तक की परवा नहीं रहती । इस प्रकार की वीरता का प्रयोजन अत्यंत प्राचीन काल से पड़ता चला आ रहा है, जिसमें साहस और प्रयत्न दोनों चरम उत्कर्ष पर पहुँचते हैं । पर केवल कष्ट या पीड़ा सहन करने के साहस में ही उत्साह का स्वरूप स्फुरित नहीं होता । उसके साथ आनन्द-पूर्ण प्रयत्न या उसकी उत्कंठा का योग चाहिए । बिना बेहोश हुए भारी फोड़ा चिराने को तैयार होना साहस कहा जाएगा, पर उत्साह नहीं ।

Q 140 साहस और प्रयत्न निम्नलिखित में से कहाँ चरमोत्कर्ष पर पहुँचते हैं ?

- (1) दान वीरता में
- (2) दया वीरता में
- (3) युद्ध वीरता में
- (4) बिना बेहोशी के ऑपरेशन कराने में

Directions : Read the passage given below and answer the questions that follow by selecting the correct / most appropriate options.

In the 1970s, India had just a few brands of two-wheelers and cars. The general feeling was that the blessed are the ones who own, ride or even travel as pillion riders on a scooter. I was so thrilled to travel as a pillion rider on my friend's scooter that I requested him to teach me to drive one. Though it was a new scooter, he instantly agreed to teach me. In fact, I got tensed up about how I was going to learn without falling down or damaging the scooter or hitting anybody.

Believe me, I learnt driving within two days of a two-hour session with my friend. It's because of his encouragement that I learnt it so fast. I was extremely thrilled that I was going to Chennai with a newly acquired skill.

It so happened that within a few days of my arrival in Chennai, my brother bought a new scooter and I became an expert driver from day one. My brother was happy with my newly acquired skill and encouraged me to go places solo or with him to help in his business.

Subsequently it so happened that I decided to pursue a sales career as my profession and the driving skill of both two- and four-wheelers helped me a lot in that profession. Starting point for all these developments was the first driving lesson by my dear friend.

Q 141 Which of the following statements is **not** true ?

- (1) About 50 years ago only the rich owned a vehicle.
- (2) You were lucky if a friend of yours had a scooter.
- (3) The writer's friend was very close to him.
- (4) During those years imported scooters were freely available.

Directions : Read the passage given below and answer the questions that follow by selecting the correct / most appropriate options.

In the 1970s, India had just a few brands of two-wheelers and cars. The general feeling was that the blessed are the ones who own, ride or even travel as pillion riders on a scooter. I was so thrilled to travel as a pillion rider on my friend's scooter that I requested him to teach me to drive one. Though it was a new scooter, he instantly agreed to teach me. In fact, I got tensed up about how I was going to learn without falling down or damaging the scooter or hitting anybody.

Believe me, I learnt driving within two days of a two-hour session with my friend. It's because of his encouragement that I learnt it so fast. I was extremely thrilled that I was going to Chennai with a newly acquired skill.

It so happened that within a few days of my arrival in Chennai, my brother bought a new scooter and I became an expert driver from day one. My brother was happy with my newly acquired skill and encouraged me to go places solo or with him to help in his business.

Subsequently it so happened that I decided to pursue a sales career as my profession and the driving skill of both two- and four-wheelers helped me a lot in that profession. Starting point for all these developments was the first driving lesson by my dear friend.

Q 142 Choose the option which is **not** true.

- (1) The friend was hesitant to teach the writer how to drive a scooter.
- (2) He allowed him to be a pillion rider.
- (3) The writer was afraid he might damage the scooter.
- (4) He was worried even about hitting somebody.

Directions : Read the passage given below and answer the questions that follow by selecting the correct / most appropriate options.

In the 1970s, India had just a few brands of two-wheelers and cars. The general feeling was that the blessed are the ones who own, ride or even travel as pillion riders on a scooter. I was so thrilled to travel as a pillion



rider on my friend's scooter that I requested him to teach me to drive one. Though it was a new scooter, he instantly agreed to teach me. In fact, I got tensed up about how I was going to learn without falling down or damaging the scooter or hitting anybody.

Believe me, I learnt driving within two days of a two-hour session with my friend. It's because of his encouragement that I learnt it so fast. I was extremely thrilled that I was going to Chennai with a newly acquired skill.

It so happened that within a few days of my arrival in Chennai, my brother bought a new scooter and I became an expert driver from day one. My brother was happy with my newly acquired skill and encouraged me to go places solo or with him to help in his business.

Subsequently it so happened that I decided to pursue a sales career as my profession and the driving skill of both two- and four-wheelers helped me a lot in that profession. Starting point for all these developments was the first driving lesson by my dear friend.

Q 143 Study the following statements :

- A. Within a couple of weeks the writer learnt how to drive.
- B. It was all due to the encouragement of his friend.

- (1) A is right and B is wrong.
- (2) B is right and A is wrong.
- (3) Both A and B are right.
- (4) Both A and B are wrong.

Directions : Read the passage given below and answer the questions that follow by selecting the correct / most appropriate options.

In the 1970s, India had just a few brands of two-wheelers and cars. The general feeling was that the blessed are the ones who own, ride or even travel as pillion riders on a scooter. I was so thrilled to travel as a pillion rider on my friend's scooter that I requested him to teach me to drive one. Though it was a new scooter, he instantly agreed to teach me. In fact, I got tensed up about how I was going to learn without falling down or damaging the scooter or hitting anybody.

Believe me, I learnt driving within two days of a two-hour session with my friend. It's because of his encouragement that I learnt it so fast. I was extremely thrilled that I was going to Chennai with a newly acquired skill.

It so happened that within a few days of my arrival in Chennai, my brother bought a new scooter and I became an expert driver from day one. My brother was happy with my newly acquired skill and encouraged me to go places solo or with him to help in his business.

Subsequently it so happened that I decided to pursue a sales career as my profession and the driving skill of both two- and four-wheelers helped me a lot in that profession. Starting point for all these developments was the first driving lesson by my dear friend.

Q 144 Study the following statements :

- A. The writer's brother was financially well-to-do.
- B. The writer helped him in his business.
- C. After some time the writer purchased a four-wheeler.

- (1) A and B are right but C is wrong.
- (2) B and C are right but A is wrong.
- (3) C and A are right but B is wrong.
- (4) A and B are wrong but C is right.

Directions : Read the passage given below and answer the questions that follow by selecting the correct / most appropriate options.



In the 1970s, India had just a few brands of two-wheelers and cars. The general feeling was that the blessed are the ones who own, ride or even travel as pillion riders on a scooter. I was so thrilled to travel as a pillion rider on my friend's scooter that I requested him to teach me to drive one. Though it was a new scooter, he instantly agreed to teach me. In fact, I got tensed up about how I was going to learn without falling down or damaging the scooter or hitting anybody.

Believe me, I learnt driving within two days of a two-hour session with my friend. It's because of his encouragement that I learnt it so fast. I was extremely thrilled that I was going to Chennai with a newly acquired skill.

It so happened that within a few days of my arrival in Chennai, my brother bought a new scooter and I became an expert driver from day one. My brother was happy with my newly acquired skill and encouraged me to go places solo or with him to help in his business.

Subsequently it so happened that I decided to pursue a sales career as my profession and the driving skill of both two- and four-wheelers helped me a lot in that profession. Starting point for all these developments was the first driving lesson by my dear friend.

Q 145 'Subsequently it so happened

The underlined word means the same as :

- (1) thereafter
- (2) formerly
- (3) consequently
- (4) actually

Q 146 Rearrange the following to form a meaningful and correct sentence.

- A. that the election
- B. the heat is
- C. week away
- D. on now
- E. is only a

- (1) A B D E C
- (2) B D A E C
- (3) A D B C E
- (4) A E C B C

Q 147 'He knocked at the door continuously.'

Choose the option in which VOICE in the above sentence has been correctly changed into Passive voice.

- (1) The door was knocked at continuously by him.
- (2) The door was continuously knocked by him.
- (3) The door had been knocked continuously.
- (4) The door has been knocked at.

Q 148 Which part of the following sentence has an error in it ?

There is a / new Thai restaurant / opened up / in the city.

- (a) (b) (c) (d)

- (1) (a)
- (2) (b)
- (3) (c)
- (4) (d)



Q 149 Complete the following sentence with the help of given options.

He considers himself an expert _____ the subejct.

- (1) into
- (2) in
- (3) onto
- (4) for

Q 150 Invective

Which of the following words does **not** mean the same as the one above ?

- (1) Adulation
- (2) Profanity
- (3) Curse
- (4) Vilification