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Challenges



Staff Selection Commission
(Government Of India)

EXAM DATE : 29-August-2016
EXAM NAME : SSC Examination 2016
TOTAL MARKS : 200

EXAM START TIME : 16:15:00
EXAM DURATION : 01:15 Hrs
TOTAL NO OF QUESTIONS : 100

Question 1. Select the related word/letters/number from the given alternatives.

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

FUNGI: MYCOLOGY:: TISSUE: ??

कुरुरमु ता:कवक व ान :: ऊतक: ?

Options:

1) Haematology

र त व ान

2) Cytology

को शका व ान

3) Histology

ऊतक व ान

4) Bacteriology

जीवाणु व ान

Correct Answer: Histology

ऊतक व ान

Candidate Answer: [NOT ANSWERED]

Question 2. Select the related word/letters/number from the given alternatives.

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

BDFH : YWUS :: JLNP : ?

Options:

1) QOMK

2) ACEF

3) ZXUT

4) UVWX

Correct Answer: QOMK

Candidate Answer: QOMK

Question 3. Select the related word/letters/number from the given alternatives.

दिये गये विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

18 : 30 :: 36 : ?

Options:

1) 78

2) 64

3) 66

4) 68

Correct Answer: 66

Candidate Answer: 66

Question 4.

For the following questions

Find out the odd word/letters/number pair from the given alternatives

दए गए वक प में से वषम श द/ सं या/ अ र/यु म चु नए।

Options:

1) Arithmetic

अंकग णत

2) Mathematics

ग णत

3) Geometry

या मती

4) Algebra

बीजग णत

Correct Answer: Mathematics

ग णत

Candidate Answer: [NOT ANSWERED]

Question 5.

For the following questions

Find out the odd word/letters/number pair from the given alternatives

दए गए वक प में से वषम श द/ सं या/ अ र/यु म चु नए।

Options:

1) ACEG

2) BDFG

3) JLNP

4) SUWY

Correct Answer: BDFG

Candidate Answer: ACEG

Question 6.

For the following questions

Find out the odd word/letters/number pair from the given alternatives

दए गए वक प में से वषम श द/ सं या/ अ र/यु म चु नए।

Options:

1) 16, 32

2) 20, 40

3) 64, 81

4) 81, 162

Correct Answer: 64, 81

Candidate Answer: [NOT ANSWERED]

Question 7. Arrange the following words as per order in the dictionary

न न ल खत श द को श दकोश में दए गए म के अनुसार ल खए।

1. Weather 2. Weasand 3. Wealth 4. Weapon 5. Weekend

Options:

1) 3,2,4,1,5

2) 3,2,1,4,5

3) 3,4,2,1,5

4) 3,4,1,2,5

Correct Answer: 3,4,2,1,5

Candidate Answer: [NOT ANSWERED]

Question 8. Choose the correct alternative from the given ones that will complete the series

दए गए वक प में से वह सह वक प चु नये जो अनु म को पूरा करे।

BFK, KOT, UYD, ?

Options:

1) BFJ

2) ADG

3) FJO

4) PSX

Correct Answer: FJO

Candidate Answer: FJO

Question 9. Find the missing number in the series

द गई ेणी में से लु त पद त क जिये ।

2, 3, 8, ?, 112, 565

Options:

1) 565

2) 112

3) 27

4) 8

Correct Answer: 27

Candidate Answer: [NOT ANSWERED]

Question 10. A woman pointing to a man said, "He is the widower of my uncle's brother's daughter." How is the man related to the woman?

एक म हला एक आदमी क ओर इशारा करते हुए कहती है क "वह मेरे चाचा के भाई क बेट का वधुर है। वह आदमी उस औरत से कस कार स बण्धित है ?

Options:

1) Brother-in-law

बहनोई

2) Brother

भाई

3) Uncle

चाचा

4) Nephew

भानजा/भतीजा

Correct Answer: Brother-in-law

बहनोई

Candidate Answer: Brother-in-law

बहनोई

Question 11. P, Q, R and S are four friends. P is shorter than Q but taller than R who is shorter than S. Who is the shortest among all?

P, Q, R, और S चार म ह। लंबाई में P, Q से छोटा है ले कन R से लंबा है जो S से छोटा है। उनमें सबसे छोटा कौन है ?

Options:

1) P

2) Q

3) R

4) S

Correct Answer: R

Candidate Answer: R

Question 12. From the given alternative words, select the word which cannot be formed using the letter of the given word.

न न ल ख त व क प में से वह श द चु न ए जो द ए ग ए श द के अ र का योग करके न ह बनाया जा सकता।

IMPRACTICABLE

Options:

1) CAPABLE

2) PARTICLE

3) PRACTICAL

4) PEACE

Correct Answer: PEACE

Candidate Answer: PEACE

Question 13. If BROTHER is coded as GWTYMJW, then SCHOOL is coded as

य द एक कोड में 'BROTHER' को 'GWTYMJW' लखा जाता है, तो उस कोड में 'SCHOOL' को या लखा जायेगा ?

Options:

1) WGLSSP

2) WGLSSQ

3) XHMTTQ

4) XHMTTP

Correct Answer: XHMTTQ

Candidate Answer: XHMTTQ

Question 14. If '+' means subtraction, '÷' means addition, '<' means multiplication and '>' means division, then find the value of the given statement, The value of $9 \div 7 < 8 > (4 > 2) + 5$ will be

य द '+' का मतलब है घटाना, '÷' का मतलब है जोड़, '<' का मतलब है गुणा और '>' का मतलब है भाग, तो इस व त य का मान ात क जिये।

 $9 \div 7 < 8 > (4 > 2) + 5$

Options:

1) 32

2) 18

3) 16

4) 11

Correct Answer: 32

Candidate Answer: [NOT ANSWERED]

Question 15. If $5 * 3 = 19$ and $8 * 5 = 49$, then what should $6 * 4$ be?य द $5 * 3 = 19$ और $8 * 5 = 49$, तो $6 * 4$ या होना चा ह ?

Options:

1) 24

2) 28

3) 18

4) 16

Correct Answer: 28

Candidate Answer: [NOT ANSWERED]

Question 16. Select the missing number from the given responses.

न न ल ख त न में एक अनु म दया गया है, जिसमें एक सं या लु त है। द ए ग ए व क प में से उस न वाचक चा के थान पर सह उ तर चुनकर ल ख ए।

24	20	36
15	11	18
55	40	?

Options:

- 1) 45
- 2) 65
- 3) 70
- 4) 80

Correct Answer: 65

Candidate Answer: [NOT ANSWERED]

Question 17. A man walks 7 km towards south and turns to the left. After walking 5 km, he turns to the right and walks 7 km. In which direction is he now from the starting point?

एक आदमी 7 क.मी. दक्षिण की ओर जाता है और बाएँ मुड़ जाता है। 5 क.मी. चलने के बाद वह दाएँ मुड़ता है और 7 क.मी. चलता है। अब वह प्रारंभिक बिंदु से किस दिशा में है?

Options:

- 1) West
पश्चिम
- 2) South
दक्षिण
- 3) South-East
दक्षिण-पूर्व
- 4) North-East
उत्तर-पूर्व

Correct Answer: South-East

दक्षिण-पूर्व

Candidate Answer: South-East

दक्षिण-पूर्व

Question 18. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement 1: When water is cooled, it turns into ice.

Statement 2: When water is heated, it turns into steam.

Conclusion I: Water is a solid.

Conclusion II: Water is a gas.

निम्नलिखित में से एक या दो वाक्यों को सत्य मान लें, जिनके आगे दो निष्कर्ष/मान्यताएँ, I और II, निकाले गये हैं। आपको विचार करना है कि कौन से वाक्य सत्य हैं चाहे वह सामान्यतः शत वाक्यों से भी सत्य हो सकें। आपको नणय करना है कि दिए गए वाक्यों में से कौन-सा निष्कर्ष निश्चित रूप से सत्य निष्कर्ष/मान्यता निकाला जा सकता है?

वाक्य 1 : जब पानी ठंडा होता है तब वह बर्फ में बदल जाता है।

वाक्य 2 : जब पानी को गरम किया जाता है तो वह भाप में बदल जाता है।

निष्कर्ष 1 : जल ठोस है।

निष्कर्ष 2 : जल गैस है।

Options:

- 1) Only Conclusion I follows
केवल निष्कर्ष I सत्य है।
- 2) Only Conclusion II follows
केवल निष्कर्ष II सत्य है।
- 3) Both I and II follow
निष्कर्ष I और II दोनों सत्य हैं।
- 4) Neither I nor II follows
न ही निष्कर्ष I और न ही II सत्य है।

Correct Answer: Neither I nor II follows

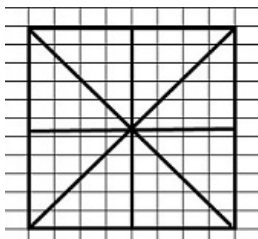
न ही निष्कर्ष I और न ही II सत्य है।

Candidate Answer: Both I and II follow

निष्कर्ष I और II दोनों सत्य हैं।

Question 19. What is total number of triangles in the given figure?

नीचे दी गई आकृति में कुल कितने कोण हैं?



Options:

1) 16

2) 32

3) 40

4) 12

Correct Answer: 16

Candidate Answer: 16

Question 20. Identify the diagram that best represents the relationship among classes given below

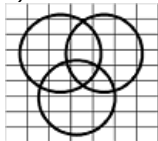
Men, Rodents and living beings

वह आरेख चुनए जो नीचे दए गए वर्ग के बीच स संबंध का सह न पण करता है।

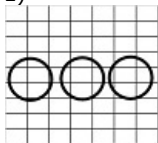
मनुष्य, मूषक, और जीव-जंतु

Options:

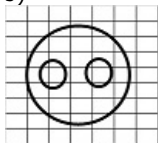
1)



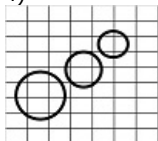
2)



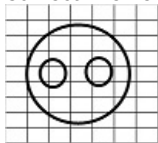
3)



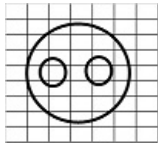
4)



Correct Answer:

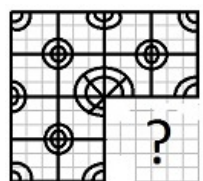


Candidate Answer:



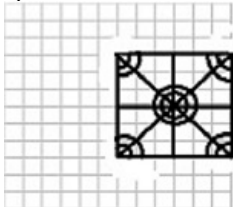
Question 21. Which answer figure will complete the pattern in the question figure?

कौन-सी उ तर-आकृती न-आकृती के त प को पूरा करेगी ?

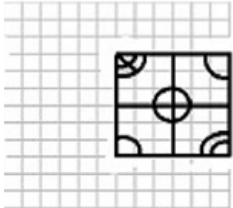


Options:

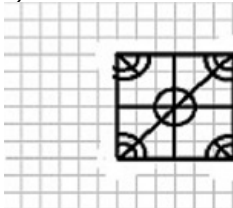
1)



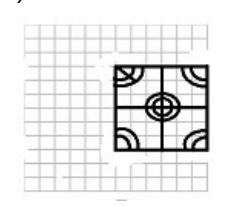
2)



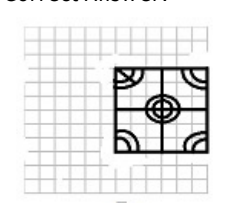
3)



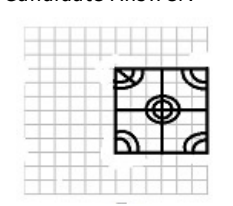
4)



Correct Answer:

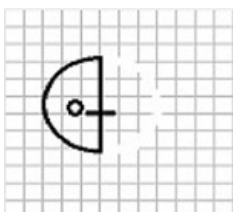


Candidate Answer:



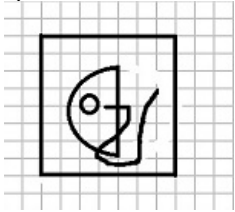
Question 22. From the given answer figures, select the one in which the question figure is hidden/embedded

द गई उ तर आकृ तय में से उस आकृ त को चु नए जिसमें न आकृ त न हत है I



Options:

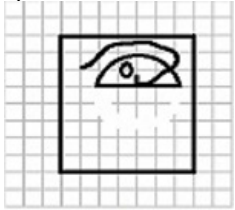
1)



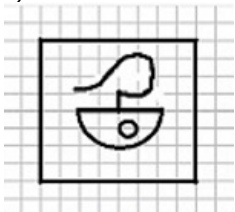
2)



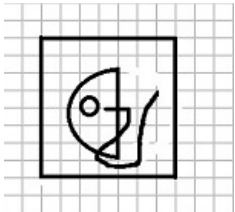
3)



4)



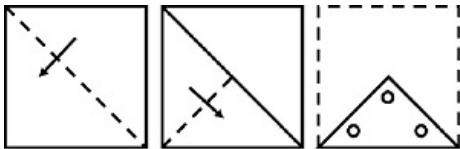
Correct Answer:



Candidate Answer: [NOT ANSWERED]

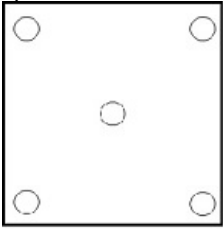
Question 23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened

नीचे न आकृतय में च अनुसार कागज को मोड़कर काटने तथा खोलने के बाद वह कस उ तर आकृत जैसा दखाई देगा ?

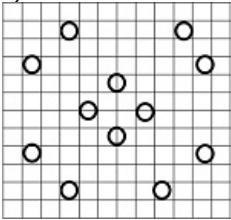


Options:

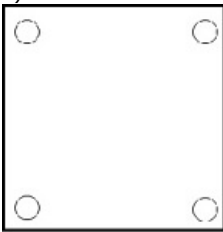
1)



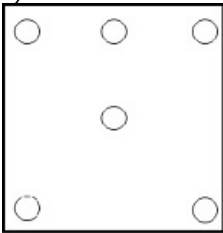
2)



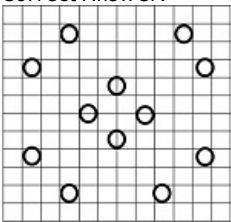
3)



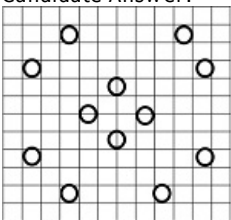
4)



Correct Answer:

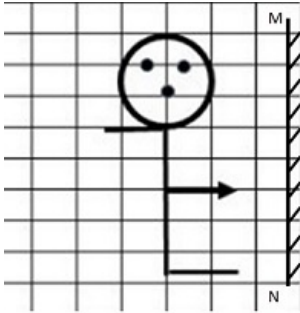


Candidate Answer:



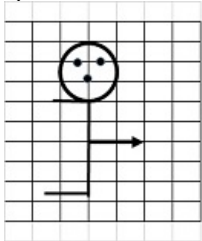
Question 24.If a mirror is placed on the line MN, then which of the answer figure is the right image?

य द एक दपण को MN रेखा पर रखा जाए तो द गई उ तर आकृ तय में से कौनसी आकृ त न आकृ त का सह त ब ब होगी ?

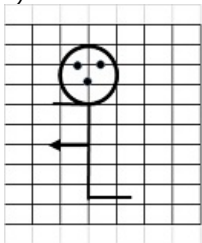


Options:

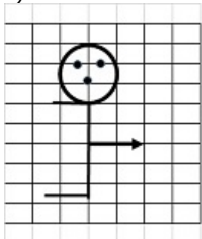
1)



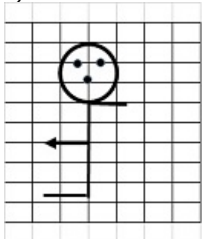
2)



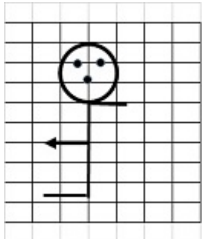
3)



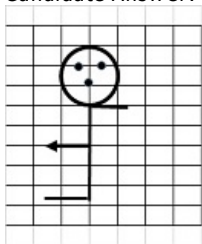
4)



Correct Answer:



Candidate Answer:



Question 25. In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A from these matrices can be represented first by its row and next by its column. e.g. N can be represented by 04, 14 etc. and A can be represented by 55, 69, etc. You have to identify the set for the word 'GOOD'.

न न ल खत न में वक प में दए गए सं या-समूह, अ र के दो वग वारा दशाए गए ह, जैसे क नीचे दए गए दो आ यूह में ह। आ यूह I के सत भ और पंति क सं या 0 से 4 तक द गई है, और आ यूह II के 5 से 9 तक, इन आ यूह से एक अ र को पहले उसक पंति और बाद में त भ सं या वारा दशाया जा सकता है। उदाहरण के लए 'N' को 04, 14 आ द वारा दशाया जा सकता है तथा 'A' को 55, 69 आ द वारा दशाया जा सकता है। आपको दए हुए श द 'GOOD' के लए समूह को पहचानना है।

Matrix-I						Matrix-II					
	0	1	2	3	4		5	6	7	8	9
0	B	N	G	L	D		5	A	I	K	O
1	G	L	D	B	N		6	I	K	O	R
2	D	B	N	G	L		7	K	O	R	A
3	N	G	L	D	B		8	O	R	A	I
4	L	D	B	N	G		9	R	A	I	K

Options:

1) 02, 58, 68, 04

2) 44, 99, 76, 20

3) 31, 67, 76, 22

4) 33, 76, 86, 41

Correct Answer: 44, 99, 76, 20

Candidate Answer: [NOT ANSWERED]

Question 26. Among the following States, _____ has the lowest birth rate in India.

भारत में न न ल खत रा य में से कस रा य में जा मंदर ॥ यूनतम है ?

Options:

1) Kerala

केरल

2) Uttar Pradesh

उ तर देश

3) Bihar

बहार

4) West Bengal

पचिम बंगाल

Correct Answer: Kerala

केरल

Candidate Answer: Kerala

केरल

Question 27. The Secretariat of SAARC is set up at _____

साक का स चवालय कहां थित है ?

Options:

1) Washington

वॉ शंगटन

2) Kathmandu

काठमांडू

3) Hague

हेग

4) New Delhi

नई द ल

Correct Answer: Kathmandu

काठमांडू

Candidate Answer: [NOT ANSWERED]

Question 28.The outermost range of Himalays is called_____

हमालय क सबसे बाहर पर्वत कौन सी है ?

Options:

1) Kali

काल

2) Shiwaliks

शवालिक

3) Dehradun

देहरादून

4) Kumaon

कुमाऊँ

Correct Answer: Shiwaliks

शवालिक

Candidate Answer: [NOT ANSWERED]

Question 29.Who is generally considered to be the father of the Indian Renaissance?

सामान्यतः कसे भारतीय पुनर्जागरण का जनक माना जाता है ?

Options:

1) Rabindranath Tagore

रबिन्द्र नाथ ठाकुर

2) Raja Rammohan Roy

राजा राममोहन राय

3) Mahatma Phule

महात्मा फुले

4) M.G. Ranade

एम. जी. रानाडे

Correct Answer: Raja Rammohan Roy

राजा राममोहन राय

Candidate Answer: Raja Rammohan Roy

राजा राममोहन राय

Question 30.The longest river of peninsular India is_____

भारत की दीर्घतम नदी कौन सी है ?

Options:

1) Narmada

नर्मदा

2) Godavari

गोदावर

3) Mahanadi

महानदी

4) Cauvery

कावेरी

Correct Answer: Godavari

गोदावर

Candidate Answer: [NOT ANSWERED]

Question 31._____gives hardness to stainless steel.

निकेल कितना प्रतिशत स्टेनलेस स्टील में कठोरता आती है ?

Options:

- 1) Zinc
जिंक
- 2) Lead
सीसा
- 3) Carbon
काबन
- 4) Tin
टन

Correct Answer: Carbon

काबन

Candidate Answer: [NOT ANSWERED]

Question 32. Which of the following is responsible for transport of food and other substances in plants?

न न ल खत में से कससे पौध में खा य पदार्थ और आण त व का वहन होता है ?

Options:

- 1) Xylem
जाइलम
- 2) Phloem
फ्लोएम (पोषवाह)
- 3) Chloroplast
क्लोरो ला ट
- 4) None of these
इनमें से कोई नहं

Correct Answer: Phloem

फ्लोएम (पोषवाह)

Candidate Answer: [NOT ANSWERED]

Question 33. The washing machine works on the principle of _____

कपड़े धोने क मशीन कस स ात पर काय करती है ?

Options:

- 1) Dialysis
अपोहन
- 2) Diffusion
वसरण
- 3) Reverse osmosis
उ म परासरण
- 4) Centrifugation
अपकेन्द्रकरण

Correct Answer: Centrifugation

अपकेन्द्रकरण

Candidate Answer: Reverse osmosis

उ म परासरण

Question 34. Which is not an external storage device?

न न ल खत में से कौन सी बाहर टोरेज डवाइस (वा य भ डारण य) नहं है ?

Options:

- 1) CD-ROM
सी डी - रौम
- 2) DVD-ROM
डी वी डी - रौम
- 3) Pen Drive
पेन ड्राइव
- 4) RAM
रैम

Correct Answer: RAM

रैम

Candidate Answer: RAM

रैम

Question 35. Which of the following is the correct description of the term sex-ratio as used in the context of the census of population?

जनसं या क जनगणना के संदर्भ में ' लंग अनुपात ' श द का सह अथ या है ?

Options:

1) Number of males per 1000 females.

1000 ि य पर पुं ष क सं या

2) Number of females per 1000 males.

1000 पुं ष पर म हलाओं क सं या

3) Number of females per 100 males.

100 पुं ष पर म हलाओं क सं या

4) Number of females in a sample of 1000 persons.

1000 य तिय के त दश में म हलाओं क सं या

Correct Answer: Number of females per 1000 males.

1000 पुं ष पर म हलाओं क सं या

Candidate Answer: Number of females per 100 males.

100 पुं ष पर म हलाओं क सं या

Question 36. The atomic power station in Rajasthan is situated at:

राज थान में 'परमाणु व युत के ' कहाँ थित है ?

Options:

1) Pokhran

पोखरन

2) Suratgarh

सूरतगढ़

3) Rawatbhata

रावतभाटा

4) Chittorgarh

च तोड़गढ़

Correct Answer: Rawatbhata

रावतभाटा

Candidate Answer: Pokhran

पोखरन

Question 37. The Sahitya Akademi Awards are given for best writings in how many Indian languages?

कतनी भारतीय भाषाओं में सव तम लेखन के लए सा ह य अकादमी पुरं कार दए जाते ह ?

Options:

1) 12

2) 15

3) 20

4) 24

Correct Answer: 24

Candidate Answer: [NOT ANSWERED]

Question 38. Right to Privacy comes under _____

नजता का अ धकार कसके अधीन आता है ?

Options:

1) Article 19

अनु छेद 19

2) Article 20

अनु छेद 20

3) Article 21

अनु छेद 21

4) Article 18

अनु छेद 18

Correct Answer: Article 21

अनु छेद 21

Candidate Answer: [NOT ANSWERED]

Question 39. The foreign traveller who visited India during the reign of Shahjahan was _____

शाहजहां के शासन काल में कौन सा वदेशी यात्री भारत आया था ?

Options:

1) Thomas Roe

थॉमस रो

2) William Hawkins

विलियम हॉकइंस

3) Ibn Batuta

इब्न बतूता

4) Manucci

मनुक

Correct Answer: Manucci

मनुक

Candidate Answer: [NOT ANSWERED]

Question 40. The GST (Goods and Services Tax), recently passed by Government will be levied on which of the following products?

सरकार द्वारा हाल ही में पास किया गया जी. एस. ट. बिल (माल और सेवा कर) नए लक्ष्य में से कन उपाद पर लगाया जाएगा ?

Options:

1) Petroleum Crude

पेट्रोलियम अपरकृत

2) Tobacco

तंबाकू

3) Natural Gas

प्राकृतिक गैस

4) Aviation Turbine Fuel

वमानन टबाइन ईंधन

Correct Answer: Tobacco

तंबाकू

Candidate Answer: [NOT ANSWERED]

Question 41. Who was elected the Prime Minister of Nepal recently?

हाल ही में कौन नेपाल के प्रधानमंत्री चुने गए ?

Options:

1) Keshav Kumar Budhathoki

केशव कुमार बुधु ठोक

2) Khadga Prasad Sharma Koli

खडगा साद शर्मा कोल

3) Sushil Koirala

सुशील कोइराला

4) Pushpakamal Dahal 'Prachanda'

पुष्पकमल दाहाल 'चंड'

Correct Answer: Pushpakamal Dahal 'Prachanda'

पुष्पकमल दाहाल 'चंड'

Candidate Answer: [NOT ANSWERED]

Question 42. Which lobe of human brain is associated with hearing?

मानव मस्तिष्क का कौन सा लोब श्रवण से संबंधित है ?

Options:

1) Frontal lobe

अग्रजाल लोब

2) Parietal lobe

भ्रितिय लोब

3) Temporal lobe

शंख लोब

4) Occipital lobe

अनुकपाल लोब

Correct Answer: Temporal lobe

शंख लोब

Candidate Answer: [NOT ANSWERED]

Question 43. Which of the following is not soluble in water?

न न ल खत में से या जल में घुलनशील नहं है ?

Options:

1) Lead sulphate

लेड स फेट

2) Zinc sulphate

जिंक स फेट

3) Potassium sulphate

पोटे शयम स फेट

4) Sodium sulphate

सो डयम स फेट

Correct Answer: Lead sulphate

लेड स फेट

Candidate Answer: [NOT ANSWERED]

Question 44. Activated Charcoal is used to remove colouring matter from pure substances by _____

न न ल खत में से कसके वारा स य काठकोयला का योग करते हुए शु त व में से रंजक पदार्थ को दूर किया जाता है ?

Options:

1) Bleaching

वरंजन

2) Oxidation

उपचयन

3) Adsorption

अ धशोषण

4) Reduction

रूनीकरण

Correct Answer: Adsorption

अ धशोषण

Candidate Answer: [NOT ANSWERED]

Question 45. Chernobyl disaster is the result of pollution by _____

चर्न बल महा वपदा कसके दूषण का परिणाम है ?

Options:

1) Oil spill

तेल छतराव

2) Acid rain

अ ल वर्षा

3) Carbon dioxide

कार्बन डाइऑक्साइड

4) Radioactive waste

रेडियोधर्म अपशब्द

Correct Answer: Radioactive waste

रेडियोधर्म अपशब्द

Candidate Answer: [NOT ANSWERED]

Question 46. Which of the following caused radioactive pollution along the coast of Kerala?

केरल तट पर रेडियोएक्टिव दूषण न न ल खत में से कस कारण से हुआ ?

Options:

1) Plutonium

प्लूटोनियम

2) Zinc

जिंक

3) Thorium

थोरियम

4) Radium

रेडियम

Correct Answer: Thorium

थोरियम

Candidate Answer: [NOT ANSWERED]

Question 47. In mammals, an important role of excretion is played by _____

तनधा रय में उ सजन का एक मह वपूर्ण काय न न ल खत में से कौन सा अवयव करता है ?

Options:

1) Large intestine

बड़ी आंत

2) Kidneys

गुद (वृ क)

3) Lungs

फेफड़े

4) Liver

जिगर (यकृत)

Correct Answer: Kidneys

गुद (वृ क)

Candidate Answer: Lungs

फेफड़े

Question 48. The second Green Revolution aims at increasing agricultural output to promote

वतीय हरत णितका उे य, न न ल खत में से कस कृ ष उ पाद क वृ से स बणित है ?

Options:

1) Availability of easy credit to big farmers

बड़े किसान को सुलभ ँ डट क उपल धता

2) Co-operative farming

सहकार खेती

3) Inclusive growth

आत वषटवृ

4) Development of rural sector

ामीण ँ का वकास

Correct Answer: Inclusive growth

आत वषटवृ

Candidate Answer: Development of rural sector

ामीण ँ का वकास

Question 49. Which of the following causes rainfall during winters in the north-western part of India?

भारत के उ तर - पचिमी भाग में शीतकाल में न न ल खत में से कस कारण से वषा होती है ?

Options:

1) Western disturbances

पचिमी व ाभ

2) Cyclonic depression

च वाती अवदाब

3) Southwest monsoon

द ण पचिमी मानसून

4) Retreating monsoon

नवतनी मानसून

Correct Answer: Western disturbances

पचिमी व ाभ

Candidate Answer: [NOT ANSWERED]

Question 50. The 'Blue Water Policy' was introduced by the Portugese leader _____

कौन से पुतगाल नेता ने ' लू वाटर पॉ लसी' शुा क थी ?

Options:

1) Francisco-de-Almeida

ं ि स कोडी-अ मीडा

2) Alfonso de Albuquerque

अलफ सो डी ऐ बुकरेक

3) Francis Caron

ं ि ससकैरन

4) Francis Martin

ं ि ससमा टन

Correct Answer: Francisco-de-Almeida

01 स को-डी-अ मीडा

Candidate Answer: [NOT ANSWERED]

Question 51.If the sum of a number and its reciprocal be 2, then the number is

य द एक सं या और उसके यु म का योग 2 हो, तो वह सं या कतनी होगी ?

Options:

1) 0

2) 1

3) -1

4) 2

Correct Answer: 1

Candidate Answer: [NOT ANSWERED]

Question 52.The area of a rectangle in 60 cm^2 and its perimeter is 34 cm, then the length of the diagonal is

एक आयत का ँ फल 60 वर्ग से.मी. है और उसका प रमाप 34 से.मी. है। तो उसके वकण क ल बाई कतनी होगी ?

Options:

1) 17cm

17 से.मी.

2) 11cm

11से.मी.

3) 15cm

15 से.मी.

4) 13cm

13 से.मी.

Correct Answer: 13cm

13 से.मी.

Candidate Answer: [NOT ANSWERED]

Question 53.A cloth merchant has announced 25% rebate in prices. If one needs to have a rebate of . 40, then how many metres of cloth costing . 32 per metre he should purchase.

एक कपड़ा- यापार ने अपनी क मत में 25% छूट क घोषणा क , तदानुसार य द कसी को . 40 क छूट लेनी हो, तो उसे . 32 त मीटर वाले कपड़े का कतने मीटर कपड़ा खर दना होगा ?

Options:

1) 6m

6 मी.

2) 5m

5 मी.

3) 10m

10 मी.

4) 7m

7 मी.

Correct Answer: 5m

5 मी.

Candidate Answer: 10m

10 मी.

Question 54.A profit of Rs. 960 is divided between A and B in the ratio $1/3:1/2$. The difference of their profit is :

Rs. 960 के लाभ को A तथा B में $1/3:1/2$ के अनुपात में बाँटा गया है। उनके लाभ का अांतर या होगा ?

Options:

1) Rs.120

2) Rs.160

3) Rs.180

4) Rs.240

Correct Answer: Rs.240

Candidate Answer: [NOT ANSWERED]

Question 55. The average monthly salary of 19 members of a group is Rs. 16000. If one more member whose monthly salary is Rs. 20000 has joined the group, then the average salary of the group is

19 सद य के एक ण का औसत मा सक वेतन Rs. 16000 है। तो य द उस ण में Rs. 20000 मा सक वेतन वाला एक आ य सद य भी शा मल हो जाए, तो उस ण का औसत मा सक वेतन कतना हो जाएगा ?

Options:

1) Rs.18250

2) Rs.16200

3) Rs.18000

4) Rs.16250

Correct Answer: Rs.16200

Candidate Answer: Rs.18000

Question 56. A T.V was sold at a profit of 5% If it had been sold at a profit of 10% , the profit would have been Rs. 1000 more. What is its cost price ?

एक ट . वी. 5% लाभ पर बेचा गया। य द इसे 10% लाभ पर बेचा जाता तो Rs. 1000 का अ धक लाभ होता। उसका य-मू य बताइए ?

Options:

1) Rs.20000

2) Rs.5000

3) Rs.10000

4) Rs.15000

Correct Answer: Rs.20000

Candidate Answer: Rs.10000

Question 57. The price of an article is decreased by 10%. To restore it to its former value, the new price must be increased by :

कसी व तु के मू य में 10% क कमी क गयी है। इसे पुराने मू य पर लाने के लए नये मू य में कतनी वृ करनी होगी ?

Options:

1)

$9\frac{1}{11}\%$

2) 10%

3) 11%

4)

$11\frac{1}{9}\%$

Correct Answer:

$11\frac{1}{9}\%$

Candidate Answer: 11%

Question 58. A moving train passes a platform 50m long in 14 seconds and a lamp post in 10 seconds. The speed of the train (in km/h) is :

एक चलती हुई रेलगाड़ी कसी 50 मीटर ल बे लेट फाम को 14 सेक ड में और एक बजल के ख भे को 10 सेक ड में पार करती है। रेलगाड़ी क चाल (क.मी./घंटा) में या है ?

Options:

1) 24

2) 36

3) 40

4) 45

Correct Answer: 45

Candidate Answer: [NOT ANSWERED]

Question 59. If $x^2 + 1/x^2 = 2$, then the value of $x - 1/x$ is

य द $x^2 + 1/x^2 = 2$ हो, तो $x - 1/x$ का मान बताइए ?

Options:

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

Correct Answer: 0

Candidate Answer: [NOT ANSWERED]

Question 60.

If $pq(p+q) = 1$, Then the value of $\frac{1}{p^3q^3} - p^3 - q^3$ is equal to

यदि $pq(p+q) = 1$ हो, तो $\frac{1}{p^3q^3} - p^3 - q^3$ का मान क्या होगा?

Options:

- 1) 1
2) 2
3) 3
4) 4

Correct Answer: 3

Candidate Answer: [NOT ANSWERED]

Question 61. A chord of length 16 cm is drawn in a circle of radius 10 cm. The distance of the chord from the centre of the circle is

16 से.मी. ल बी एक जीवा को 10 से.मी. या वाले वृ त में खींचा जाता है। वृ त के केन्द्र से जीवा क दूर बताइए ?

Options:

- 1) 8cm
8 से.मी.
2) 6cm
6 से.मी.
3) 4cm
4 से.मी.
4) 12cm
12 से.मी.

Correct Answer: 6cm

6 से.मी.

Candidate Answer: 6cm

6 से.मी.

Question 62. An angle in a semicircle is

कसी अधवृ त में कोण कतना होगा ?

Options:

- 1) 45°
2) 60°
3) 90°
4) 120°

Correct Answer: 90° Candidate Answer: 120° Question 63. If $x = a \cos\theta + b \sin\theta$ and $y = b \cos\theta - a \sin\theta$, then $x^2 + y^2$ is equal to

य द $x = a \cos\theta + b \sin\theta$ और $y = b \cos\theta - a \sin\theta$ हो, तो $x^2 + y^2$ का मान या होगा ?

Options:

- 1) ab
- 2) a^2+b^2
- 3) a^2-b^2
- 4) 1

Correct Answer: a^2+b^2

Candidate Answer: [NOT ANSWERED]

Question 64.A can do a work in 12 days while B can do it in 15 days. They undertake to complete it together for Rs. 450. what will be the share of A in this amount of money ?

एक काय को 12 दिन में पूरा कर सकता है जब क B उसे 15 दिन में पूरा कर सकता है। वे उसे एक साथ मलकर Rs. 450 में करने को तैयार हो जाते हैं। इस धनराश में A का हिस्सा कतना होगा ?

Options:

- 1) Rs.200
- 2) Rs.240
- 3) Rs.250
- 4) Rs.300

Correct Answer: Rs.250

Candidate Answer: Rs.250

Question 65.If $x = \sqrt{2}+1$, then the value of x^4-1/x^4 is

यदि $x = \sqrt{2}+1$ हो, तो x^4-1/x^4 का मान कतना होगा ?

Options:

- 1) $8\sqrt{2}$
- 2) $18\sqrt{2}$
- 3) $6\sqrt{2}$
- 4) $24\sqrt{2}$

Correct Answer: $24\sqrt{2}$

Candidate Answer: [NOT ANSWERED]

Question 66.If $9x^2 + 16y^2 = 60$ and $3x + 4y = 6$, then the value of xy is

यदि $9x^2 + 16y^2 = 60$ और $3x + 4y = 6$ हो, तो xy का मान क्या होगा ?

Options:

- 1) -1
- 2) 1
- 3) -2
- 4) 2

Correct Answer: -1

Candidate Answer: [NOT ANSWERED]

Question 67.If in $\triangle ABC$, $DE \parallel BC$, $AB = 7.5\text{cm}$, $BD = 6\text{cm}$ and $DE = 2\text{cm}$, then the length of BC in cm is :

यदि $\triangle ABC$, $DE \parallel BC$, $AB = 7.5\text{से.मी.}$, $BD = 6\text{से.मी.}$ और $DE = 2\text{से.मी.}$ हो, तो BC की लंबाई से.मी. में क्या होगी ?

Options:

- 1) 6
- 2) 8
- 3) 10
- 4) 10.5

Correct Answer: 10

Candidate Answer: [NOT ANSWERED]

Question 68. Suppose that the medians BD, CE and AF of a triangle ABC meet at G. Then AG: GF is

मान लजिए क कसी ABC कोण क मायिकाएं BD, CE और AF बाहु G पर मलती ह। तो AG:GF या होगा ?

Options:

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

Correct Answer: 2:1

Candidate Answer: [NOT ANSWERED]

Question 69.

$$\text{If } \frac{\cos \theta}{1 - \sin \theta} + \frac{\cos \theta}{1 + \sin \theta} = 4 \text{ then}$$

the value of θ ($0 < \theta < 90^\circ$) is

$$\text{यदि } \frac{\cos \theta}{1 - \sin \theta} + \frac{\cos \theta}{1 + \sin \theta} = 4, \text{ तो } \theta \text{ (} 0^\circ < \theta < 90^\circ \text{) का मान बताइए ?}$$

Options:

- 1) 60°
- 2) 45°
- 3) 30°
- 4) 35°

Correct Answer: 60°

Candidate Answer: [NOT ANSWERED]

Question 70. A sum of Rs. 2000 amounts to Rs. 4000 in two years at compound interest. In how many years does the same amount becomes Rs. 8000.

Rs. 2000 क रा श च वृ याज पर 2 वष में Rs. 4000 हो जाती है। वह रा श कतने वष में Rs. 8000 हो जाएगी ?

Options:

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

Correct Answer: 4

Candidate Answer: [NOT ANSWERED]

Question 71. Two ships are sailing in the sea on the two sides of a light house. The angle of elevation of the top of the light house as observed from the two ships are 30° and 45° respectively. If the light house is 100m high, the distance between the two ships is : (take $\sqrt{3}=1.73$)

समुद्र में दो पोत काश तंभ के दोन ओर चल रहे ह। दोन पोत से देखने पर काश तंभ के शीष के उन्नयन कोण मश: 30° और 45° ह। य द काश तंभ 100 मीटर ऊंचा हो, तो दोन पोत के बीच क दूर बताइए ? (यह मानते हुए क $\sqrt{3}=1.73$)

Options:

- 1) 173m
- 173 मी.
- 2) 200m
- 200 मी.
- 3) 273m
- 273 मी.
- 4) 300m
- 300 मी.

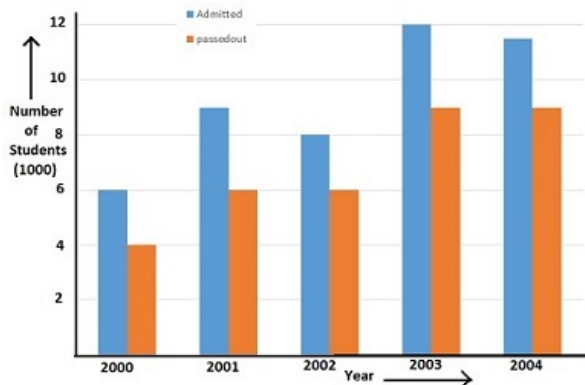
Correct Answer: 273m

273 मी.

Candidate Answer: [NOT ANSWERED]

Question 72. The following figure shows the number of students (in thousands) admitted and passed out per year in a college during years 2000 to 2004. study the figure and answer the questions.

न न ल खत आकृ त में कसी कॉलेज में वष 2000 से वष 2004 तक त वष भत हुए और उ तीण हुए छा क सं या (हजार में) दशायी गई है। आकृ त का अ ययन कर न के उ तर दजिए ?



The percent increase in the number of students admitted in the year 2003 over that in 2001 is

वष 2001 क तुलना में वष 2003 में भत हुए छा क सं या में हुई तशत वृ कतनी है ?

Options:

1) 133.3

2) 33.3

3) 40.3

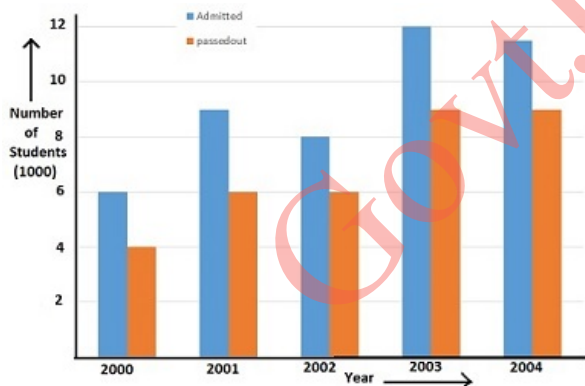
4) 66.7

Correct Answer: 33.3

Candidate Answer: [NOT ANSWERED]

Question 73. The following figure shows the number of students (in thousands) admitted and passed out per year in a college during years 2000 to 2004. study the figure and answer the questions.

न न ल खत आकृ त में कसी कॉलेज में वष 2000 से वष 2004 तक त वष भत हुए और उ तीण हुए छा क सं या (हजार में) दशायी गई है। आकृ त का अ ययन कर न के उ तर दजिए ?



During 2000 to 2003, the ratio of the total number of the students passed out to the total number of students admitted is

वष 2000 से 2003 में भत हुए छा क कुल सं या और उ तीण हुए छा क कुल सं या का अनुपात ात कजिए ?

Options:

1) 17/23

2) 17/6

3) 11/23

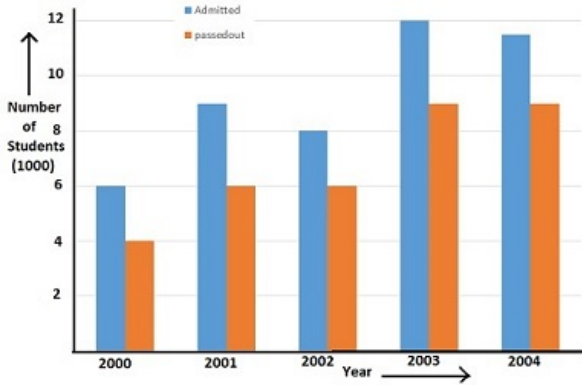
4) 5/7

Correct Answer: 5/7

Candidate Answer: [NOT ANSWERED]

Question 74. The following figure shows the number of students (in thousands) admitted and passed out per year in a college during years 2000 to 2004. study the figure and answer the questions.

न न ल खत आकृ त में कसी कॉलेज में वष 2000 से वष 2004 तक त वष भत हुए और उ तीण हुए छा क सं या (हजार में) दशायी गई है। आकृ त का अ ययन कर न के उ तर दजिए ?



In which of the two years, the pass percentage of students was between 60 to 70 ?

कौन-से दो वष में छा का उ तीण तशत 60 से 70 के बीच थी ?

Options:

1) 2000 and 2001

2000 और 2001

2) 2003 and 2004

2003 और 2004

3) 2001 and 2002

2001 और 2002

4) none of these

इनमें से कोई नहं

Correct Answer: 2000 and 2001

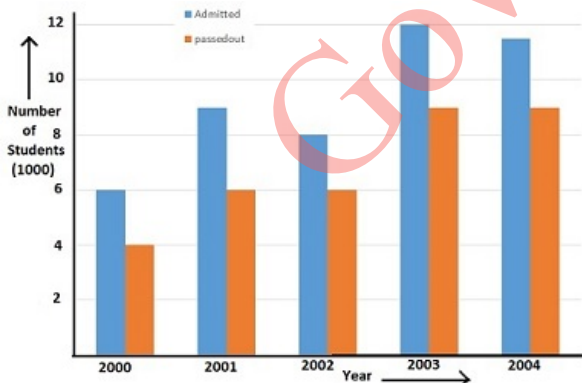
2000 और 2001

Candidate Answer: 2001 and 2002

2001 और 2002

Question 75. The following figure shows the number of students (in thousands) admitted and passed out per year in a college during years 2000 to 2004. study the figure and answer the questions.

न न ल खत आकृ त में कसी कॉलेज में वष 2000 से वष 2004 तक त वष भत हुए और उ तीण हुए छा क सं या (हजार में) दशायी गई है। आकृ त का अ ययन कर न के उ तर दजिए ?



The ratio of the number of students admitted in the year 2002 to the average of the number of students passed out in the years 2003 and 2004. is

वष 2002 में भत हुए छा क सं या और वष 2003 तथा 2004 में उ तीण हुए छा क सं या के औसत का अनुपात बताइए ?

Options:

1) 7:8

2) 8:9

3) 9:8

4) 8:7

Correct Answer: 8:9

Candidate Answer: 8:9

Question 76. In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

REVILE

Options:

1) REVIVE

2) REVIEW

3) ABUSE

4) REVEAL

Correct Answer: ABUSE

Candidate Answer: [NOT ANSWERED]

Question 77. In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

SQUANDER

Options:

1) SPEND

2) REDUCE

3) SLANDER

4) SKIMP

Correct Answer: SKIMP

Candidate Answer: [NOT ANSWERED]

Question 78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

Options:

1) Sanctaries

2) Sanctauries

3) Santuaries

4) Sanctuaries

Correct Answer: Sanctuaries

Candidate Answer: [NOT ANSWERED]

Question 79. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

He had already sent me message (A) / that his arrival (B) / was scheduled for Thursday (C) / No error (D)

Options:

1) A

2) B

3) C

4) D

Correct Answer: A

Candidate Answer: [NOT ANSWERED]

Question 80. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

Science and technology and (A) / their fallouts do not (B) / complete human culture (C) / No error (D)

Options:

1) A

2) B

3) C

4) D

Correct Answer: B

Candidate Answer: [NOT ANSWERED]

Question 81. In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

The angry bird flap (A) / her wings, flies a short (B) / distance and returns. (C) / No error (D)

Options:

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

Correct Answer: A

Candidate Answer: [NOT ANSWERED]

Question 82. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

The clock has _____ for want of winding.

Options:

- 1) run down
- 2) run short
- 3) run past
- 4) run up

Correct Answer: run down

Candidate Answer: [NOT ANSWERED]

Question 83. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Few people know that flowers use textures to _____ different kinds of insects.

Options:

- 1) signal
- 2) feel
- 3) attract
- 4) distract

Correct Answer: attract

Candidate Answer: [NOT ANSWERED]

Question 84. The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

They abandoned their comrades _____ the wolves.

Options:

- 1) by
- 2) between
- 3) on
- 4) among

Correct Answer: among

Candidate Answer: [NOT ANSWERED]

Question 85. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

For keeps

Options:

- 1) Himself
- 2) Away
- 3) Forever
- 4) Hid

Correct Answer: Forever

Candidate Answer: [NOT ANSWERED]

Question 86. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Pale into insignificance

Options:

- 1) Seemed less important
- 2) Was less exciting
- 3) Was less hectic
- 4) Was dull and pale

Correct Answer: Seemed less important

Candidate Answer: [NOT ANSWERED]

Question 87. In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

With one voice

Options:

- 1) By one man
- 2) By one community
- 3) Unanimously
- 4) In disharmony

Correct Answer: Unanimously

Candidate Answer: [NOT ANSWERED]

Question 88.Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

Drug which causes people to sleep easily

Options:

- 1) Poppy
- 2) Soporific
- 3) Beguile
- 4) Pedant

Correct Answer: Soporific

Candidate Answer: [NOT ANSWERED]

Question 89.Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

The branch of philosophy concerned with the study of the principles of beauty, especially in art

Options:

- 1) Artistic
- 2) Aesthetics
- 3) Ethics
- 4) Metaphysics

Correct Answer: Aesthetics

Candidate Answer: [NOT ANSWERED]

Question 90.Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

The study of skin

Options:

- 1) Dermatology
- 2) Dermatoglyphics
- 3) Stratigraphy
- 4) Oncology

Correct Answer: Dermatology

Candidate Answer: [NOT ANSWERED]

Question 91.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

She has that rare character - the ability to listen to people.

Options:

- 1) rare ear
- 2) rare characteristic
- 3) rare sense
- 4) No improvement

Correct Answer: No improvement

Candidate Answer: [NOT ANSWERED]

Question 92.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

Both of them have not apologized yet.

Options:

- 1) Neither of them has
- 2) Any of them have
- 3) None of the two
- 4) No improvement

Correct Answer: Neither of them has

Candidate Answer: [NOT ANSWERED]

Question 93.A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

The greater the demand, higher the price.

Options:

- 1) the high
- 2) a higher
- 3) the higher
- 4) No improvement

Correct Answer: the higher

Candidate Answer: [NOT ANSWERED]

Question 94. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

His appointment as coach is yet another feather in his wing.

Options:

- 1) feather in his hat
- 2) badge in his hat
- 3) feather in his cap
- 4) No improvement

Correct Answer: feather in his cap

Candidate Answer: [NOT ANSWERED]

Question 95. A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

The majority of the rain-fed Indian rivers, either dry up, or become trickle after the monsoon.

Options:

- 1) the trickle
- 2) a trickle
- 3) an trickle
- 4) No improvement

Correct Answer: a trickle

Candidate Answer: [NOT ANSWERED]

Question 96. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

It's nothing short of a revolution in how we eat, and it's getting closer every day. Yes, a lot of people are obese, and yes, the definition of "healthy eating" seems to change all the time. But in labs and research centres around the world, scientists are racing to match our genes and our taste buds, creating the perfect diet for each of us, a diet that will fight disease, increase longevity, boost physical and mental performance, and taste great to boot. As food scientist J. Bruce German says, "The foods we like the most will be the most healthy for us."

Is that going to be a great day, or what?

All this will come to pass, thanks to genomics, the science that maps and describes an individual's genetic code. In the future, personalized DNA chips will allow us to assess our own inherited predispositions for certain diseases, then adjust our diets accordingly. So, if you're at risk for heart disease, you won't just go on a generic low-fat diet. You'll eat foods with just the right amount and type of fat that's best for you. You'll even be able to track your metabolism day-to-day to determine what foods you should eat at any given time, for any given activity. "Since people differ in their genetics and metabolism, one diet won't fit all," says German.

As complex as all this sounds, it could turn out to be relatively simple.

What are scientists doing?

Options:

- 1) Racing in labs and research centres around the world
- 2) Asking us to start dieting
- 3) Creating the perfect diet for us
- 4) Try and make us taller

Correct Answer: Creating the perfect diet for us

Candidate Answer: [NOT ANSWERED]

Question 97. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

It's nothing short of a revolution in how we eat, and it's getting closer every day. Yes, a lot of people are obese, and yes, the definition of "healthy eating" seems to change all the time. But in labs and research centres around the world, scientists are racing to match our genes and our taste buds, creating the perfect diet for each of us, a diet that will fight disease, increase longevity, boost physical and mental performance, and taste great to boot. As food scientist J. Bruce German says, "The foods we like the most will be the most healthy for us."

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As complex as all this sounds, it could turn out to be relatively simple.

What does J. Bruce German say?

Options:

- 1) The food we like is not healthy for us
- 2) The food we like is the healthiest one for us
- 3) The most healthy food should be liked by us
- 4) Food scientists like healthy food

Correct Answer: The food we like is the healthiest one for us

Candidate Answer: [NOT ANSWERED]

Question 98. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

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As complex as all this sounds, it could turn out to be relatively simple.

What is genomics?

Options:

- 1) The science which describes about maps
- 2) The science which describes an individual
- 3) The science which deals with years
- 4) The science that maps and describes an individual's genetic code

Correct Answer: The science that maps and describes an individual's genetic code

Candidate Answer: [NOT ANSWERED]

Question 99. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

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As complex as all this sounds, it could turn out to be relatively simple.

Why won't a common diet fit everybody?

Options:

- 1) Because different people eat different food
- 2) Because their genes are different
- 3) Since they differ in genetics and metabolism
- 4) Because of their different moods

Correct Answer: Since they differ in genetics and metabolism

Candidate Answer: [NOT ANSWERED]

Question 100. A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

It's nothing short of a revolution in how we eat, and it's getting closer every day. Yes, a lot of people are obese, and yes, the definition of "healthy eating" seems to change all the time. But in labs and research centres around the world, scientists are racing to match our genes and our taste buds, creating the perfect diet for each of us, a diet that will fight disease, increase longevity, boost physical and mental performance, and taste great to boot. As food scientist J. Bruce German says, "The foods we like the most will be the most healthy for us."

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All this will come to pass, thanks to genomics, the science that maps and describes an individual's genetic code. In the future, personalized DNA chips will allow us to assess our own inherited predispositions for certain diseases, then adjust our diets accordingly. So, if you're at risk for heart disease, you won't just go on a generic low-fat diet. You'll eat foods with just the right amount and type of fat that's best for you. You'll even be able to track your metabolism day-to-day to determine what foods you should eat at any given time, for any given activity. "Since people differ in their genetics and metabolism, one diet won't fit all," says German.

As complex as all this sounds, it could turn out to be relatively simple.

What will be possible in the future?

Options:

- 1) Personalised DNA chips for people to assess their own inherited predispositions
- 2) You are at great risk for heart disease
- 3) You will not be able to determine what food you should eat
- 4) You will be unable to adjust your diet

Correct Answer: Personalised DNA chips for people to assess their own inherited predispositions

Candidate Answer: [NOT ANSWERED]