Staff Selection Commission
(Government Of India)

REGISTRATION NUMBER : qmaths.in
EXAM DATE : 29-August-2016
EXAM NAME : SSC Examination 2016
TOTAL MARKS : 200

CANDIDATE NAME : qmaths.in
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 संबन्धित शब्द/अक्षरों/संख्या को चुनिए।

FUNGI: MYCOLOGY:: TISSUE: ??

कुकुरमुत्ता:कवक विज्ञान :: ऊतक: ?

Options:
1) Haematology
रक्तविज्ञान
2) Cytology
कोशिकाविज्ञान
3) Histology
ऊतकविज्ञान
4) Bacteriology
जीवाणुविज्ञान

Correct Answer: Histology
ऊतकविज्ञान

Candidate Answer: Histology
ऊतकविज्ञान

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

दिये गये विकल्पों में से संबन्धित शब्द/अक्षरों/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 संबन्धित शब्द/अक्षरों/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

दिए गए विकल्पों में से विषम शब्द/ संख्या/ अक्षर/युग्म चुनिए।

Options:
1) Arithmetic
अंकगणित
2) Mathematics
गणित
3) Geometry
ज्यामिती
4) Algebra
बीजगणित

Correct Answer: Mathematics
गणित

Candidate Answer: Mathematics
गणित

Question 5.

For the following questions

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

दिए गए विकल्पों में से विषम शब्द/ संख्या/ अक्षर/युग्म चुनिए।

Options:
1) ACEG

2) BDFG

3) JLNP

4) SUWY

Correct Answer: BDFG
Candidate Answer: BDFG

Question 6.

For the following questions

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

दिए गए विकल्पों में से विषम शब्द/ संख्या/ अक्षर/युग्म चुनिए।

Options:
1) 16, 32

2) 20, 40

3) 64, 81

4) 81, 162

Correct Answer: 64, 81
Candidate Answer: 64, 81

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

निम्नलिखित शब्दों को शब्दकोश में दिए गए क्रम के अनुसार लिखिए।
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: 3,4,2,1,5

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

दिए गए विकल्पों में से वह सही विकल्प चुनिये जो अनुक्रम 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

दी गई श्रेणी में से लुप्त पद ज्ञात कीजिये ।
2, 3, 8, ?, 112, 565
Options:
1) 565

2) 112

3) 27

4) 8
Correct Answer: 27
Candidate Answer: 27

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 महिला एक आदमी की ओर इशारा करते हुए कहती है कि "वह मेरे चाचा के भाई की बेटी का विधुर है। वह आदमी उस औरत से किस प्रकार सम्बन्धित 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 मित्र हैं। लंबाई में P,Q से छोटा है लेकिन 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.

निम्नलिखित विकल्पों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके नहीं 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

यदि एक कोड में 'BROTHER' को 'GWTYMJW ' लिखा जाता है, तो उस कोड में 'SCHOOL' को क्या लिखा 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 ÷ 7 < 8 > (4>2) + 5 will be

यदि '+' का मतलब है घटाना, '÷' का मतलब है जोड़, '<' का मतलब है गुणा और '>' का मतलब है भाग, तो इस वक्तव्य का मान ज्ञात कीजिये ।
9 ÷ 7 < 8 > (4>2) + 5

Options:
1) 32

2) 18

3) 16

4) 11

Correct Answer: 32

Candidate Answer: 32

Question 15.If 5 * 3 = 19 and 8 * 5 = 49, then what should 6 * 4 be?

यदि 5 * 3 = 19 और 8 * 5 = 49, तो 6 * 4 क्या होना चाहिए ?

Options:
1) 24

2) 28

3) 18

4) 16

Correct Answer: 28

Candidate Answer: 28

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

निम्नलिखित प्रश्न में एक अनुक्रम दिया गया है, जिसमें एक संख्या लुप्त है। दिए गए विकल्पों में से उस प्रश्न वाचक चिन्ह के स्थान पर सही उत्तर चुनकर लिखिए।

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 कि.मी. दक्षिण की ओर जाता है और बाएँ मुड़ जाता है। 5 कि.मी. चलने के बाद वह दाएँ मुड़ता है और 7 कि.मी. चलता है। अब वह प्रारम्भिक बिन्दु 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 प्रश्न में एक या दो वक्तव्य दिये गये है, जिसके आगे दो निष्कर्ष/मान्यताएं, I और II निकाले गये हैं। आपको विचार करना है कि वक्तव्य सत्य है चाहे वह सामान्यतः शर्त तथ्यों से भिन्न प्रतीत होता हो।
आपको निर्णय करना है कि दिए गए वक्तव्य में से कोन-सा निश्चित रूप से सही निष्कर्ष/मान्यता निकाला जा सकता है ?

वक्तव्य 1 :जब पानी ठण्डा होता है तब वह बर्फ में बदल जाता है।

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

निर्णय 1 : जल ठोस है।

निर्णय 2 : जल गैस है।

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

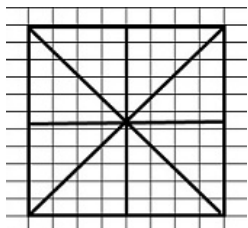**Correct Answer:** Neither I nor II follows
न ही निष्कर्ष I और न ही II सही है।

Candidate Answer: Only Conclusion II follows
केवल निष्कर्ष II सही है।

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

नीचे दी गई आकृती में कुल कितने त्रिकोण हैं ?

Options:
1) 16

2) 32

3) 40

4) 12

Correct Answer: 16
Candidate Answer: 16

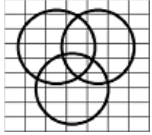Question 20.Identify the diagram that best represents the relationship among classes given below
Men, Rodents and living beings

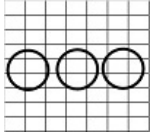वह आरेख चुनिए जो नीचे दिए गए वर्गों के बीच सम्बंध का सही निरूपण करता है।

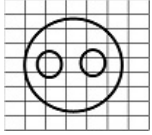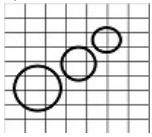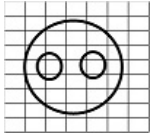मनुष्य, मूषक, और जीव-जन्तु
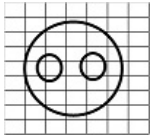
Options:

1)

2)

3)

4)

Correct Answer:

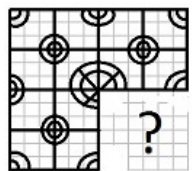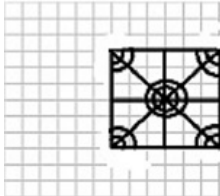**Candidate Answer:**

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

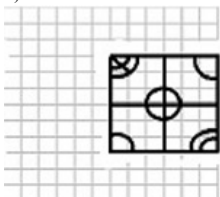कौन-सी उत्तर-आकृती प्रश्न-आकृती के प्रतिरूप को पूरा करेगी ?

Options:

1)

2)

3)

4)
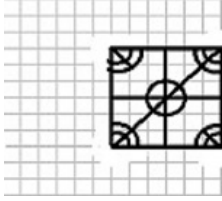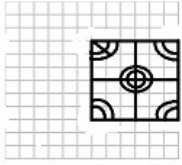
Correct Answer:
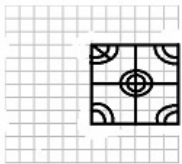
Candidate Answer:

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

दी गई उत्तर आकृतियों में से उस आकृति को चुनिए जिसमें प्रश्न आकृति निहित है I
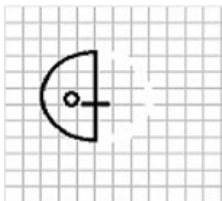
Options:
1)

2)

3)

4)
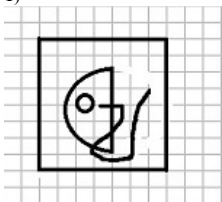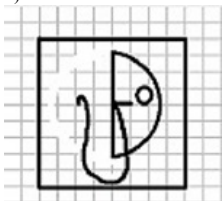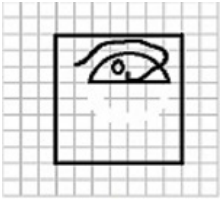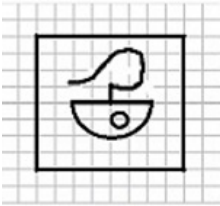
Correct Answer:
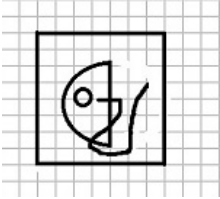
Candidate Answer:
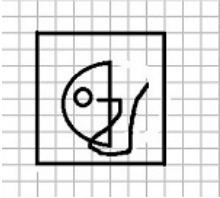
Question 23.A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened

नीचे प्रश्न आकृतियों में चित्र अनुसार कागज को मोड़कर काटने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा ?

Options:
1)

2)

3)

4)
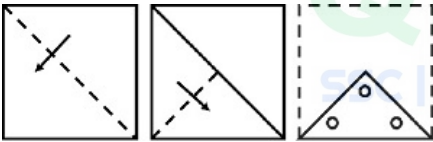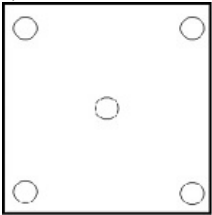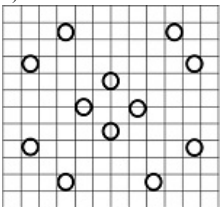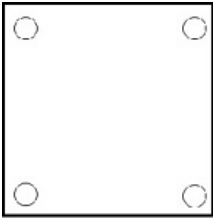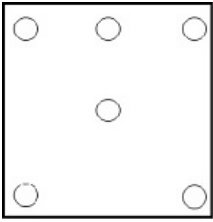
Correct Answer:
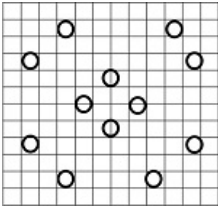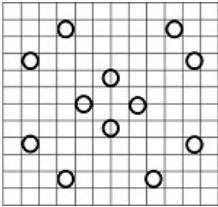
Candidate Answer:

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

यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गई उत्तर आकृतियों में से कौनसी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी ?
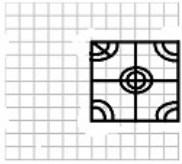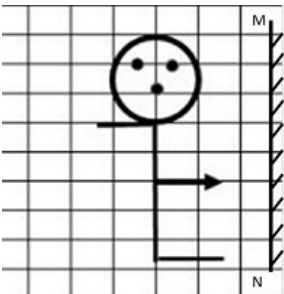
Options:
1)
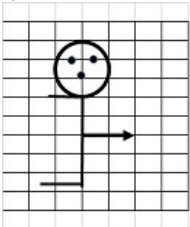
2)
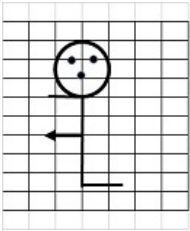
3)

4)
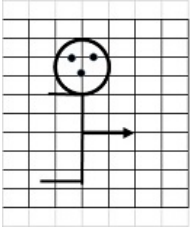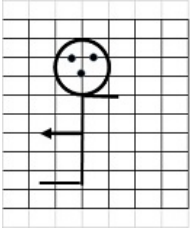
Correct Answer:
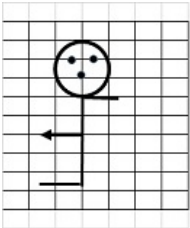
Candidate Answer:
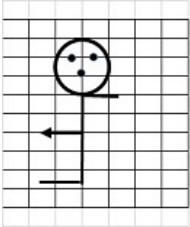
Question 25.In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and 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 01, 14 etc. and A can be represented by 55, 69, etc. You have to identify the set for the word 'GOOD'.

निम्नलिखित प्रश्न में विकल्पों में दिए गए संख्या-समूह, अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसे कि नीचे दिए गए दो आव्यूहों में हैं। आव्यूह I के सतम्भ और पंक्ति की संख्या 0 से 4 तक दी गई है, और आव्यूह II के 5 से 9 तक, इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'N' को 04, 14 आदि द्वारा दर्शाया जा सकता है तथा 'A' को 55, 69 आदि द्वारा दर्शाया जा सकता है। आपको दिए हुए शब्द 'GOOD' के लिए 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	R
1	G	L	D	B	N	6	I	K	O	R	A
2	D	B	N	G	L	7	K	O	R	A	I
3	N	G	L	D	B	8	O	R	A	I	K
4	L	D	B	N	G	9	R	A	I	K	O

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: 44, 99, 76, 20

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

भारत में निम्नलिखित राज्यों में से किस राज्य में जन्म-दर न्यूनतम है ?

Options:
1) Kerala
केरल
2) Uttar Pradesh
उत्तर प्रदेश
3) Bihar
बिहार
4) West Bengal
पश्चिम बंगाल

Correct Answer: Kerala
केरल

Candidate Answer: Kerala
केरल

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

सार्क का सचिवालय कहां स्थित है ?

Options:
1) Washington
वॉशिंगटन
2) Kathmandu
काठमांडू
3) Hague
हेग
4) New Delhi
नई दिल्ली

Correct Answer: Kathmandu
काठमांडू

Candidate Answer: Kathmandu
काठमांडू

Question 28.The outermost range of Himalays is called_____

हिमालय की सबसे बाहरी पर्वत श्रेणी कौन सी है ?

Options:
1) Kali
काली
2) Shiwaliks
शिवालिक
3) Dehradun
देहरादून
4) Kumaon
कुमाऊँ

Correct Answer: Shiwaliks
शिवालिक

Candidate Answer: [NOT ANSWERED]

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

सामान्यतः किसे 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_____

प्रायद्वीपीय भारत की सबसे लम्बी नदी कौन सी है ?

Options:
1) Narmada
नर्मदा
2) Godavari
गोदावरी
3) Mahanadi
महानदी
4) Cauvery
कावरी

Correct Answer: Godavari
गोदावरी

Candidate Answer: Godavari
गोदावरी

Question 31._____gives hardness to stainless steel.

निम्नलिखित में से किससे स्टेनलेस स्टील में कठोरता आती है ?

Options:
1) Zinc
जिंक
2) Lead
सीसा
3) Carbon
कार्बन
4) Tin
टिन

Correct Answer: Carbon
कार्बन

Candidate Answer: Carbon
कार्बन

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

निम्नलिखित में से किससे पौधों में खाद्य पदार्थ और अन्य तत्वों का वहन होता है ?

Options:
1) Xylem
जाइलम
2) Phloem
फ्लोएम (पोषवाह)
3) Chloroplast
क्लोरोप्लास्ट
4) None of these
इनमें से कोई नहीं

Correct Answer: Phloem
फ्लोएम (पोषवाह)

Candidate Answer: Xylem
जाइलम

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

कपड़े धोने की मशीन किस सिद्धान्त पर कार्य करती है ?

Options:
1) Dialysis
अपोहन
2) Diffusion
विसरण

3) Reverse osmosis
उत्क्रम परासरण
4) Centrifugation
अपकेन्द्रीकरण

Correct Answer: Centrifugation
अपकेन्द्रीकरण

Candidate Answer: [NOT ANSWERED]

Question 34.Which is not an external storage device?

निम्नलिखित में से कौन सी बाहरी स्टोरेज डिवाइस (वाह्य भण्डारण यन्त्र) नहीं 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?

जनसंख्या की जनगणना के संदर्भ में ' लिंग अनुपात ' शब्द का सही अर्थ क्या है ?

Options:
1) Number of males per 1000 females.
1000 स्त्रियों पर पुरुषों की संख्या
2) Number of females per 1000 males.
1000 पुरुषों पर महिलाओं की संख्या
3) Number of females per 100 males.
100 पुरुषों पर महिलाओं की संख्या
4) Number of females in a sample of 1000 persons.
1000 व्यक्तियों के प्रतिदर्श में महिलाओं की संख्या

Correct Answer: Number of females per 1000 males.
1000 पुरुषों पर महिलाओं की संख्या

Candidate Answer: Number of females per 1000 males.
1000 पुरुषों पर महिलाओं की संख्या

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

राजस्थान में 'परमाणु विद्युत केन्द्र' कहाँ स्थित है ?

Options:
1) Pokhran
पोखरन
2) Suratgarh
सूरतगढ़
3) Rawatbhata
रावतभाटा
4) Chittorgarh
चित्तौड़गढ़

Correct Answer: Rawatbhata
रावतभाटा

Candidate Answer: Rawatbhata
रावतभाटा

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

कितनी भारतीय भाषाओं में सर्वोत्तम लेखन के लिए साहित्य अकादमी पुरस्कार दिए जाते हैं ?

Options:
1) 12

2) 15

3) 20

4) 24

Correct Answer: 24

Candidate Answer: 24

Question 38.Right to Privacy comes under_____

निजता का अधिकार किसके अधीन आता है ?

Options:
1) Article 19
अनुच्छेद 19
2) Article 20
अनुच्छेद 20
3) Article 21
अनुच्छेद 21
4) Article 18
अनुच्छेद 18

Correct Answer: Article 21
अनुच्छेद 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 विदेशी यात्री भारत आया था ?

Options:
1) Thomas Roe
थॉमस रो
2) William Hawkins
विलियम हॉकिन्स
3) Ibn Batuta
इब्न बतूता
4) Manucci
मनुक्की

Correct Answer: Manucci
मनुक्की

Candidate Answer: Thomas Roe
थॉमस रो

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. टी. बिल (माल और सेवा कर) निम्नलिखित में से किन उत्पादों पर लगाया जाएगा ?

Options:
1) Petroleum Crude
पेट्रोलियम अपरिकृत
2) Tobacco
तम्बाकू
3) Natural Gas
प्राकृतिक गैस
4) Aviation Turbine Fuel
विमानन टर्बाइन ईंधन

Correct Answer: Tobacco
तम्बाकू

Candidate Answer: Tobacco
तम्बाकू

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

हाल ही में कौन नेपाल के प्रधान मंत्री चुने गए ?

Options:
1) Keshav Kumar Budhathoki
केशव कुमार बुद्धठोकी
2) Khadga Prasad Sharma Koli
खडग प्रसाद शर्मा कोली
3) Sushil Koirala
सुशील कोइराला
4) Pushpakamal Dahal 'Prachanda'
पुष्प कमल दाहाल 'प्रचण्ड'

Correct Answer: Pushpakamal Dahal 'Prachanda'
पुष्प कमल दाहाल 'प्रचण्ड'

Candidate Answer: Pushpakamal Dahal 'Prachanda
पुष्प कमल दाहाल 'प्रचण्ड'

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

मानव मस्तिष्क की कौन सी पालि श्रवण से संबंधित है ?

Options:
1) Frontal lobe
अग्रललाट पालि
2) Parietal lobe
भित्तिय पालि
3) Temporal lobe
शंख पालि
4) Occipital lobe
अनुकपाल पालि

Correct Answer: Temporal lobe
शंख पालि

Candidate Answer: [NOT ANSWERED]

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

निम्नलिखित में से क्या जल में घुलनशील नहीं है ?

Options:
1) Lead sulphate
लेड सल्फेट
2) Zinc sulphate
जिंक सल्फेट
3) Potassium sulphate
पोटेशियम सल्फेट
4) Sodium sulphate
सोडियम सल्फेट

Correct Answer: Lead sulphate
लेड सल्फेट

Candidate Answer: [NOT ANSWERED]

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

निम्नलिखित में से किसके द्वारा सक्रिय काठकोयला का प्रयोग करते हुए शुद्ध तत्वों में से रंजक पदार्थों को दूर किया जाता है ?

Options:
1) Bleaching
विरंजन
2) Oxidation
उपचयन
3) Adsorption
अधिशोषण
4) Reduction
न्यूनीकरण

Correct Answer: Adsorption
अधिशोषण

Candidate Answer: [NOT ANSWERED]

Question 45.Chernobyl disaster is the result of pollution by_____

चर्नोबिल महाविपदा किसके प्रदूषण का परिणाम है ?

Options:
1) Oil spill
तेल छितराव
2) Acid rain
अम्ल वर्षा
3) Carbon dioxide
कार्बन डाइऑक्साइड
4) Radioactive waste
रेडियोधर्मी अपशिष्ट

Correct Answer: Radioactive waste
रेडियोधर्मी अपशिष्ट

Candidate Answer: [NOT ANSWERED]

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

केरल तट पर रेडियोएक्टिव प्रदूषण निम्नलिखित में से किस कारण से हुआ ?

Options:
1) Plutonium
प्लूटोनियम
2) Zinc
जस्ता
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_____

स्तनधारियों में उत्सर्जन का एक महत्वपूर्ण कार्य निम्नलिखित में से कौन सा अवयव करता है ?

Options:
1) Large intestine
बड़ी आंत
2) Kidneys
गुर्दें (वृक्क)
3) Lungs
फेफड़े
4) Liver
जिगर (यकृत)

Correct Answer: Kidneys
गुर्दें (वृक्क)

Candidate Answer: Kidneys
गुर्दें (वृक्क)

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

द्वितीय हरित क्रान्ति का उद्देश्य, निम्नलिखित में से किस कृषि उत्पाद की वृद्धि से सम्बन्धित है ?

Options:
1) Availability of easy credit to big farmers
बड़ें किसानों को सुलभ क्रेडिट की उपलब्धता
2) Co-operative farming
सहकारी खेती
3) Inclusive growth
अन्तर्विषट वृद्धि
4) Development of rural sector
ग्रामीण क्षेत्र का विकास

Correct Answer: Inclusive growth
अन्तर्विषट वृद्धि

Candidate Answer: [NOT ANSWERED]

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

भारत के उत्तर - पश्चिमी भाग में शीतकाल में निम्नलिखित में से किस कारण से वर्षा होती है ?

Options:
1) Western disturbances
पश्चिमी विक्षोभ
2) Cyclonic depression
चक्रवाती अवदाब
3) Southwest monsoon
दक्षिण पश्चिमी मानसून
4) Retreating monsoon
निवर्तनी मानसून

Correct Answer: Western disturbances
पश्चिमी विक्षोभ

Candidate Answer: [NOT ANSWERED]

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

कौन से पुर्तगाली नेता ने ' ब्लू वाटर पॉलिसी' शुरु की थी ?

Options:

1) Franscisco-de-Almeida

फ्रांसिस्को-डी-अल्मीडा

2) Alfonso de Albuquerque

अलफोंसो डी ऐल्बुकरेक

3) Francis Caron

फ्रांसिस कैरन

4) Francis Martin

फ्रांसिस मार्टिन

Correct Answer: Franscisco-de-Almeida

फ्रांसिस्को-डी-अल्मीडा

Candidate Answer: [NOT ANSWERED]

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

यदि एक संख्या और उसके व्युत्क्रम का योग 2 हो, तो वह संख्या कितनी होगी ?

Options:

1) 0

2) 1

3) -1

4) 2

Correct Answer: 1

Candidate Answer: 1

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 क्षेत्रफल 60 वर्ग से.मी. है और उसका परिमाप 34 से.मी. है। तो उसके विकर्ण की लम्बाई कितनी 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: 13cm

13 से.मी.

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-व्यापारी ने अपनी कीमतों में 25% छूट की घोषणा की, तदानुसार यदि किसी को ₹ 40 की छूट लेनी हो, तो उसे ₹ 32 प्रति मीटर वाले कपड़े का कितने मीटर कपड़ा खरीदना 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: 5m

5 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 1/3:1/5 के अनुपात में बाँटा गया है। उनके लाभों का अन्तर क्या होगा ?

Options:

1) Rs.120

2) Rs.160

3) Rs.180

4) Rs.240
Correct Answer: Rs.240
Candidate Answer: Rs.160

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

19 सदस्यों के एक ग्रुप का औसत मासिक वेतन Rs. 16000 है। तो यदि उस ग्रुप में Rs. 20000 मासिक वेतन वाला एक अन्य सदस्य भी शामिल हो जाए, तो उस ग्रुप का औसत मासिक वेतन कितना हो जाएगा ?

Options:
1) Rs.18250

2) Rs.16200

3) Rs.18000

4) Rs.16250
Correct Answer: Rs.16200
Candidate Answer: Rs.16200

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 टी. वी. 5% लाभ पर बेचा गया। यदि इसे 10% लाभ पर बेचा जाता तो Rs. 1000 का अधिक लाभ होता। उसका क्रय-मूल्य बताइए ?

Options:
1) Rs.20000

2) Rs.5000

3) Rs.10000

4) Rs.15000
Correct Answer: Rs.20000
Candidate Answer: Rs.20000

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 :

किसी वस्तु के मूल्य में 10% की कमी की गयी है। इसे पुराने मूल्य पर लाने के लिए नये मूल्य में कितनी वृद्धि 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:

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

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 किसी 50 मीटर लम्बे प्लेट फार्म को 14 सेकण्ड में और एक बिजली के खम्भे को 10 सेकण्ड में पार करती है। रेलगाड़ी की चाल (कि.मी./घंटा) में क्या है ?

Options:
1) 24

2) 36

3) 40

4) 45
Correct Answer: 45
Candidate Answer: 45

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

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

Options:
1) -2

2) 0

3) 1

4) -1

Correct Answer: 0

Candidate Answer: 0

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: 3

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. लम्बी एक जीवा को 10 से.मी. त्रिज्या वाले वृत्त में खींचा जाता है। वृत्त के केन्द्र से जीवा की दूरी 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

किसी अर्धवृत्त में कोण कितना होगा ?

Options:
1) 45°

2) 60°

3) 90°

4) 120°

Correct Answer: 90°

Candidate Answer: 90°

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

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

Options:
1) ab

2) $a^2 + b^2$

3) a^2-b^2

4) 1

Correct Answer: a^2+b^2

Candidate Answer: a^2+b^2

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 ?

A एक कार्य को 12 दिन में पूरा कर सकता है जबकि B उसे 15 दिन में पूरा कर सकता है। वे उसे एक साथ मिलकर Rs. 450 में करने को तैयार हो जाते हैं। इस धनराशि में A का हिस्सा कितना 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 = √2+1, then the value of x^4-1/x^4 is

यदि x = √2+1 हो, तो x^4-1/x^4 का मान कितना होगा ?

Options:
1) 8√2

2) 18√2

3) 6√2

4) 24√2

Correct Answer: 24√2

Candidate Answer: 24√2

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: -1

Question 67.If in ΔABC, DE ||BC, AB = 7.5cm, BD = 6cm and DE = 2cm, then the length of BC in cm is :

यदि ΔABC, DE ||BC, AB = 7.5से.मी., BD = 6से.मी. और DE = 2से.मी. हो, तो BC की लम्बाई से.मी. में क्या होगी ?

Options:
1) 6

2) 8

3) 10

4) 10.5

Correct Answer: 10

Candidate Answer: 10

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

मान लीजिए कि किसी ABC त्रिकोण की माध्यिकाएं BD, CE और AF बिन्दु G पर मिलती हैं। तो AG:GF क्या होगा ?

Options:
1) 1:2
2) 2:1
3) 1:3
4) 2:3
Correct Answer: 2:1

Candidate Answer: 2:1

Question 69.

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

the value of θ (0<θ<90°) is

यदि $\dfrac{cos\theta}{1 - sin\theta} + \dfrac{cos\theta}{1 + sin\theta} = 4$, तो θ (0° < θ < 90°) का मान बताइए ?

Options:
1) 60°

2) 45°

3) 30°

4) 35°

Correct Answer: 60°

Candidate Answer: 60°

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 की राशि चक्रवृद्धि ब्याज पर 2 वर्ष में Rs. 4000 हो जाती है। वह राशि कितने वर्षों में Rs. 8000 हो जाएगी ?

Options:
1) 2

2) 4

3) 6

4) 8

Correct Answer: 4

Candidate Answer: 6

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 √3=1.73)

समुन्द्र में दो पोत प्रकाश स्तंभ के दोनों ओर चल रहे हैं। दोनों पोतों से देखने पर प्रकाश स्तंभ के शीर्ष के उन्नयन कोण क्रमशः 30° और 45° हैं। यदि प्रकाश स्तंभ 100 मीटर ऊंचा हो,तो दोनों पोतों के बीच की दूरी बताइए ? (यह मानते हुए कि √3=1.73)

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

Correct Answer: 273m
273 मी.

Candidate Answer: 273m
273 मी.

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.

निम्नलिखित आकृति में किसी कॉलेज में वर्ष 2000 से वर्ष 2004 तक प्रति वर्ष भर्ती हुए और उत्तीर्ण हुए छात्रों की संख्या (हजार में) दर्शायी गई है। आकृति का अध्ययन कर प्रश्नों के उत्तर दीजिए ?

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

वर्ष 2001 की तुलना में वर्ष 2003 में भर्ती हुए छात्रों की संख्या में हुई प्रतिशत वृद्धि कितनी है ?

Options:
1) 133.3

2) 33.3

3) 40.3

4) 66.7

Correct Answer: 33.3

Candidate Answer: 33.3

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.

निम्नलिखित आकृति में किसी कॉलेज में वर्ष 2000 से वर्ष 2004 तक प्रति वर्ष भर्ती हुए और उत्तीर्ण हुए छात्रों की संख्या (हजार में) दर्शायी गई है। आकृति का अध्ययन कर प्रश्नों के उत्तर दीजिए ?
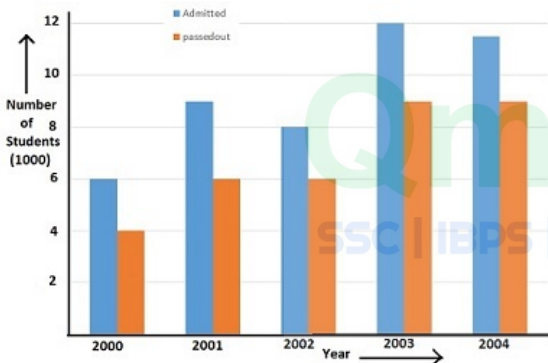
During 2000 to 2003, the ratio of the total number fo the students passed out to the total number of students admitted is

वर्ष 2000 से 2003 में भर्ती हुए छात्रों की कुल संख्या और उत्तीर्ण हुए छात्रों की कुल संख्या का अनुपात ज्ञात कीजिए ?

Options:
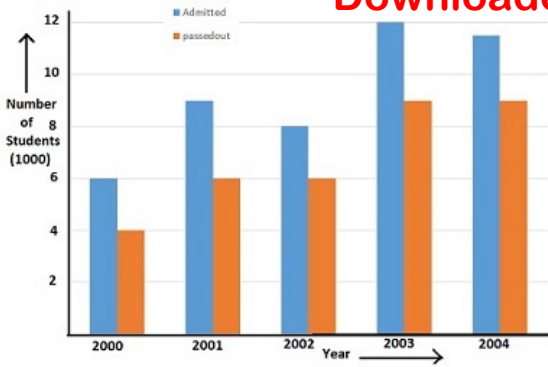**1**) 17/23
2) 17/6
3) 11/23
4) 5/7

Correct Answer: 5/7

Candidate Answer: 5/7

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.

निम्नलिखित आकृति में किसी कॉलेज में वर्ष 2000 से वर्ष 2004 तक प्रति वर्ष भर्ती हुए और उत्तीर्ण हुए छात्रों की संख्या (हजार में) दर्शायी गई है। आकृति का अध्ययन कर प्रश्नों के उत्तर दीजिए ?
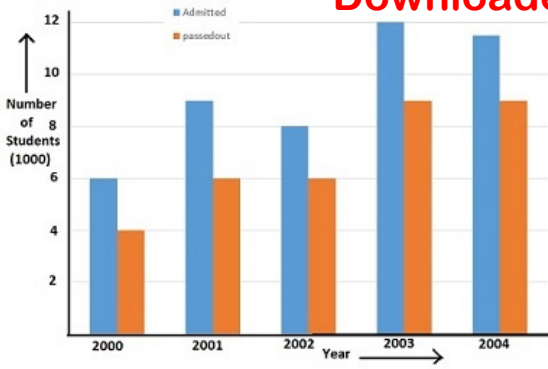
In which of the two years, the pass percentage of students was between 60 to 70 ?

कौन-से दो वर्षों में छात्रों का उत्तीर्ण प्रतिशत 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 नहीं

Correct Answer: 2000 and 2001
2000 और 2001

Candidate Answer: 2000 and 2001
2000 और 2001

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.

निम्नलिखित आकृति में किसी कॉलेज में वर्ष 2000 से वर्ष 2004 तक प्रति वर्ष भर्ती हुए और उत्तीर्ण हुए छात्रों की संख्या (हजार में) दर्शायी गई है। आकृति का अध्ययन कर प्रश्नों के उत्तर दीजिए ?
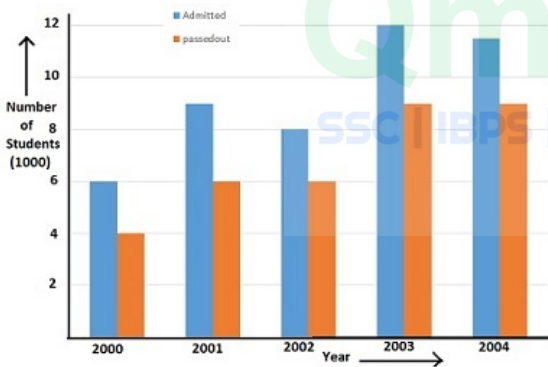
The ratio of the number of students admitted in the year 2002 to the average of the number of students passed out in the years 2003 and 2004. is

वर्ष 2002 में भर्ती हुए छात्रों की संख्या और वर्ष 2003 तथा 2004 में उत्तीर्ण हुए छात्रों की संख्या 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: REVIEW

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: REDUCE

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: Sanctuaries

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: C

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: B

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: B

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: run down

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: attract

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: between

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: Forever

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: Seemed less important

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: Unanimously

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: Soporific

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: Artistic

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: Dermatology

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: rare characteristic

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: Neither of them has

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: the higher

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: No improvement

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 <u>trickle</u> after the monsoon.

Options:
1) the trickle
2) a trickle
3) an trickle
4) No improvement

Correct Answer: a trickle

Candidate Answer: No improvement

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: Creating the perfect diet for us

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: The food we like is the healthiest one for us

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

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

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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: Since they differ in genetics and metabolism

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."

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