SSC MTS Previous Year Paper (Held on: 26 Oct 2017 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2017 • 100 questions • 90 minutes • Answer key

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GENERAL ENGLISH

Q1. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

As children tend to be highly impressionistic (1)/ one must be very careful for doing (2)/ or saying anything in their presence. (3)/ No Error (4)

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

Q2. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

An act of kindness (1)/ never gone (2)/ wasted. (3)/ No error (4)

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

Q3. In the following question, the sentence given with blank to be filled in with an appropriate word.Select the correct alternative out of the four and indicate it by selecting the appropriate option.

My daughter Meera really wants _____dog for Christmas.

(a) a
(b) an
(c) the
(d) No option is correct.

Q4. In the following question, the sentence given with blank to be filled in with an appropriate word.Select the correct alternative out of the four and indicate it by selecting the appropriate option.

A lively person is always _____ great company.

(a) a
(b) an
(c) the
(d) No option is correct

Q5. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

GRAVITY

(a) Depth
(b) Charge
(c) Brevity
(d) Sheen

Q6. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

QUACK

(a) Discharge
(b) Exhausted
(c) Knave
(d) Fake

Q7. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

YOKE

(a) Detach
(b) Harness
(c) Release
(d) Liberate

Q8. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

SERVANT

(a) Mister
(b) Master
(c) Minister
(d) Matter

Q9. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

TRAGEDY

(a) Pathos
(b) Fortune
(c) Unfortunate
(d) Damage

Q10. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

FUGITIVE

(a) Evanescent
(b) Captive
(c) Unkempt
(d) Smart

Q11. In the following question, out of the four given alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

At the drop of a hat

(a) Doing something without any hesitation
(b) Doing something after much thought
(c) Doing something as a favor
(d) Doing nothing

Q12. In the following question, out of the four given alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

All and sundry

(a) Everybody without distinction
(b) Only rich person
(c) Together

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(d) Great discrimination

Q13. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select 'no improvement'.

I believe in the existence of God and (can be seen praying to God everyday).

(a) is seen praying everyday
(b) pray to God daily
(c) has praying to God daily
(d) No improvement

Q14. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select 'no improvement'.

Since 2001, there (is) no massive earthquakes in India.

(a) have been
(b) were being
(c) are
(d) No improvement

Q15. Directions: In the following question, out of the four alternatives, select the alternative which is best substitute of the phrase.

Compelling attractiveness or charm that can inspire or influence others

(a) Caliber
(b) Charisma
(c) Magic
(d) Mystery

Q16. In the following question, out of the four alternatives, select the alternative which is best substitute of the phrase.

The state or situation of being alone

(a) Gravity
(b) Charge
(c) Cheap
(d) Solitude

Q17. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

(a) Fatalility
(b) Fatelit
(c) Fetality
(d) Fatality

Q18. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

(a) Generasion
(b) Genertion
(c) Generation
(d) Jeneration

Q19. The question below consists of a set of labelled sentences. These sentences, when properly sequenced form a coherent paragraph. Select the most logical order of sentences from among the options.

Belief

P: is a must

Q: to succeed in life

R: in one's self

(a) QRP

(b) RQP
(c) RPQ
(d) QPR

Q20. The question below consists of a set of labelled sentences. These sentences, when properly sequenced form a coherent paragraph. Select the most logical order of sentences from among the options.

The Valley of Flowers

P: place to visit

Q: during the summer season

R: is a great

(a) QRP
(b) RPQ
(c) PQR
(d) QPR

Directions

In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Students who take their studies seriously do ____ in their exams and get a head-start in life. You will notice that most of those who get into the _____ like administrative, foreign, revenue,education, engineering, police and other posts of the bureaucracy were among the _____ in their classes. Others who do equally well or better in _____like law or medicine, have to make up by studying and working _____ in later life. There are no shortcuts to success.

Q21. Students who take their studies seriously do _____ in their exams

(a) bad
(b) worse
(c) well
(d) None of the option is correct.

Q22. who get into the _____ like

(a) best services
(b) mediocre services
(c) low occupation
(d) No option is correct

Q23. other posts of the bureaucracy were among the _____ in their classes.

(a) idle
(b) laggards
(c) toppers
(d) No option is correct

Q24. do equally well or better in _____like law or medicine

(a) professions
(b) disavowal
(c) negation
(d) No option is correct

Q25. have to make up by studying and working _____ in later life

(a) harder
(b) easier
(c) robust
(d) No option is correct

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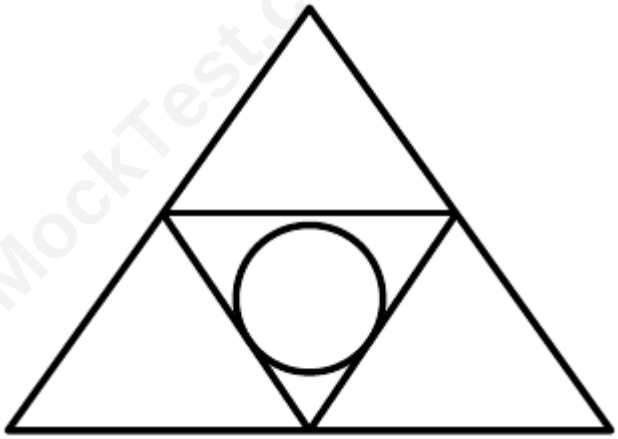
GENERAL INTELLIGENCE & REASONING

Q26. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

19	20	21
361	400	441
363	402	?

(a) 405
(b) 603
(c) 443
(d) 442

Q27. How many triangles are there in the given figure?



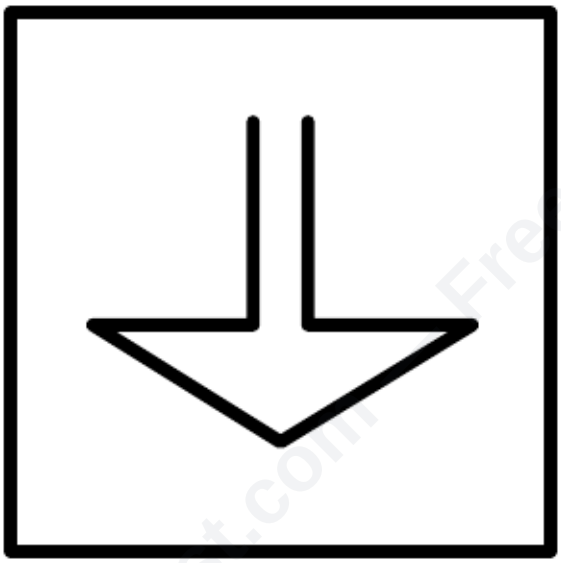
(a) 8
(b) 6
(c) 5
(d) 9

Q28. 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 shown in the given two matrices. 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 letter from these matrices can be represented first by its row and next by its column, for example, ‘C’ can be represented by 01, 85, etc., and 'U’ can be represented by 20, 97, etc. Similarly, you have to identify the set for the word “GEEKY”.

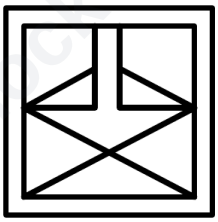
Matrix-I		Matrix-II									
	0	1	2	3	4		5	6	7	8	9
0	Y	C	W	G	I	5	X	K	D	F	R
1	E	M	O	Q	S	6	G	W	N	H	V
2	U	W	Y	B	A	7	E	O	Y	J	T
3	F	H	G	L	N	8	C	F	I	L	E
4	D	R	T	V	O	9	K	S	U	N	P

(a) 32, 01, 89, 56, 22
(b) 03, 89, 10, 33, 32
(c) 65, 10, 75, 95, 00
(d) 58, 75, 59, 56, 77

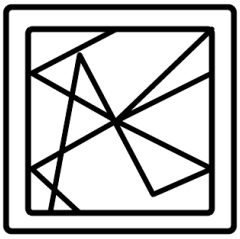
Q29. From the given answer figures, select the one in which the question figure is hidden/embedded.



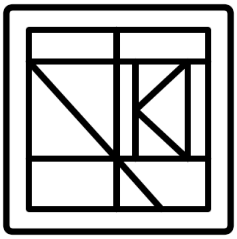
(a)



(b)



(c)

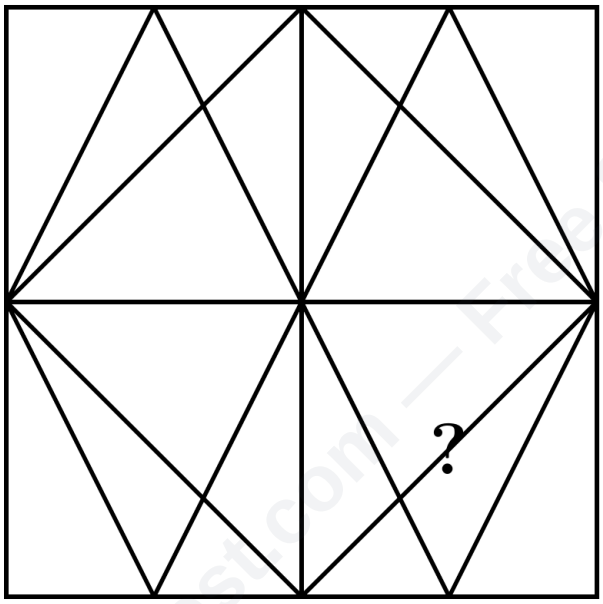


(d)

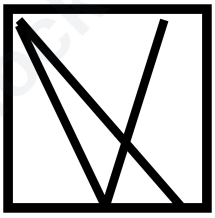


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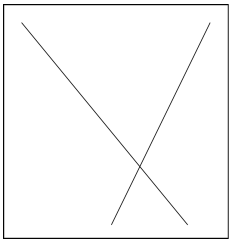
Q30. Which answer figure will complete the pattern in the question figure?



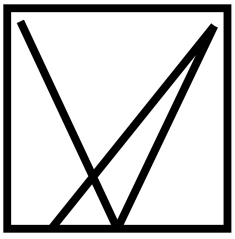
(a)



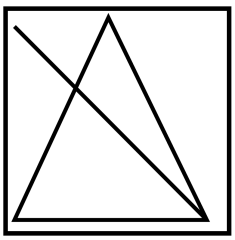
(b)



(c)

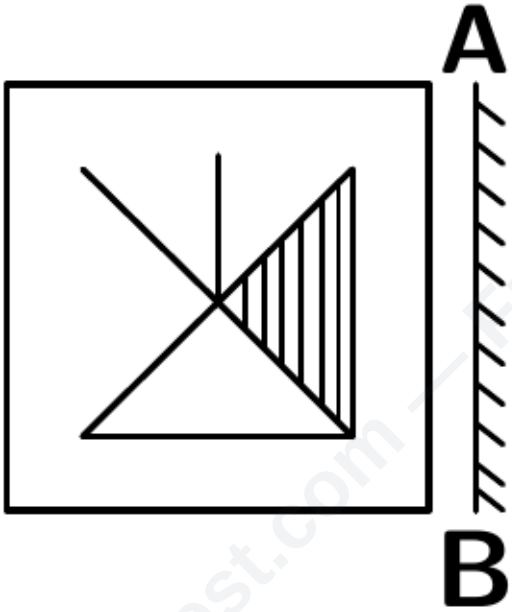


(d)

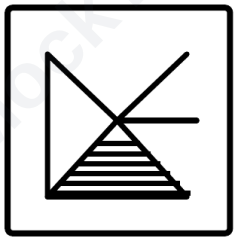


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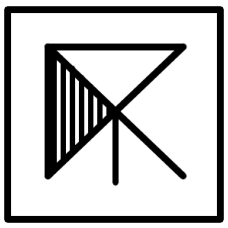
Q31. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



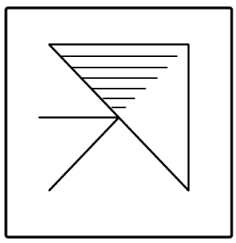
(a)



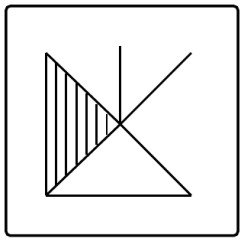
(b)



(c)

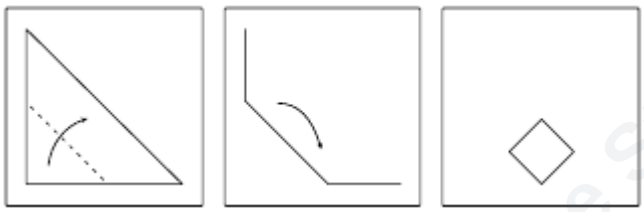


(d)

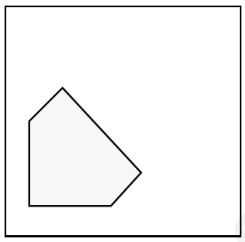


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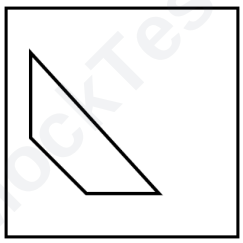
Q32. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



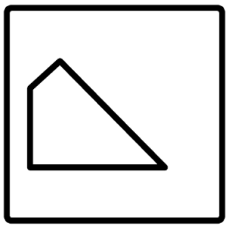
(a)



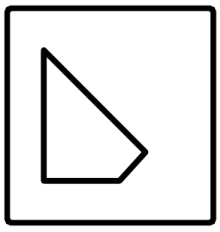
(b)



(c)



(d)



Q33. If 'P' means '-', 'Q' means '÷', 'R' means '+' and 'S' means '×', then

4 R 9 S 3 P 4 Q 2 = ?

(a) 31
(b) 29
(c) 47
(d) 69

Q34. If 11 P 3 Q 2 = 12 and 9 P 2 Q 5 = 6, then

21 P 11 Q 9 = ?

(a) 27
(b) 25
(c) 32

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(d) 23

Q35. Arrange the given words in the sequence in which they occur in the dictionary.

1. Expense
2. Expensive
3. Expand
4. Expanded
5. Extra

(a) 43125
(b) 34125
(c) 43215
(d) 34215

Q36. In the following question, select the missing number from the given series.

27, 29, 32, 37, 44, ?

(a) 49
(b) 63
(c) 55
(d) 71

Q37. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

MNO, PQR, TUV, YZA, ?

(a) EFM
(b) EFG
(c) FGH
(d) FGI

Q38. In the following question, select the odd word from the given alternatives.

(a) Biscuit
(b) Rusk
(c) Cake
(d) Candle

Q39. In the following question, select the odd number pair from the given alternatives.

(a) 22 - 485
(b) 16 - 259
(c) 12 - 145
(d) 6 - 37

Q40. In the following question, select the odd letters from the given alternatives.

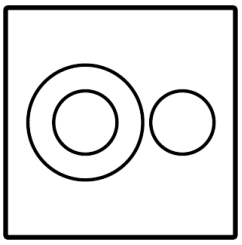
(a) CY
(b) KP
(c) JQ
(d) GT

Q41. Identify the diagram that best represents the relationship among the given classes.

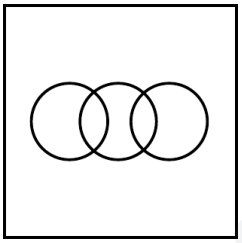
Birds, Parrot, Tiger

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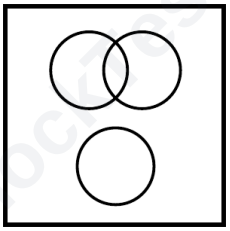
(a)



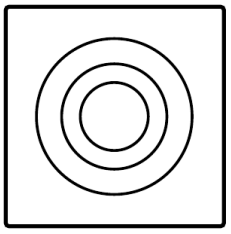
(b)



(c)



(d)



Q42. In the following question, select the related word from the given alternatives.

Flour : Wheat : : Sugar : ?

(a) Sea
(b) Sugarcane
(c) Sweet
(d) White

Q43. In the following question, select the related number from the given alternatives.

5 : 26 : : 1 : ?

(a) 21
(b) 10
(c) 3
(d) 2

Q44. In the following question, select the related letters from the given alternatives.

SHARE : TGBQF : : MALE : ?

(a) NOPQ
(b) NZMF
(c) LZMD
(d) NZMD

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Q45. In the following question, select the word which cannot be formed using the letters of the given word.

PARAMOUNT

(a) PART
(b) MOUNT
(c) TEAM
(d) PARAM

Q46. B is 4 years older to C. C is 6 years younger to D. D is 2 years older to E. E is 7 years younger to F. Who is the eldest?

(a) D
(b) F
(c) E
(d) B

Q47. Saurav walks 36 km towards the south. He turns left and walks another 36 km. He turns left and walks another 36 km. In which direction is he from his starting point?

(a) North
(b) East
(c) South-East
(d) West

Q48. In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some red are green.

II. All red are yellow.

Conclusions:

I. Some green are yellow.

II. Some green are not red.

(a) Only conclusion (I) follows.
(b) Only conclusion (II) follows.
(c) Both conclusions follow.
(d) Neither conclusion (I) nor conclusion (II) follows.

Q49. In a certain code language, 'god' is written as 'human', 'human' is written as 'red', 'red' is written as 'pink', 'pink' is written as 'temple' and 'temple' is written as 'tomato'. Where do we worship?

(a) temple
(b) pink
(c) tomato
(d) red

Q50. In a certain code language, "WALK" is written as "46" and "TRAP" is written as "54". How is "STOP" written in that code language?

(a) 49
(b) 75
(c) 69
(d) 72

NUMERICAL APTITUDE

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Q51. Which of the following is not a prime number?

(a) 87
(b) 61
(c) 79
(d) 89

Q52. What is the value of $[(6.5)^3 + (4.7)^3] \div [(6.5)^2 - 6.5 \times 4.7 + (4.7)^2]$?

(a) 11.2
(b) 13.5
(c) 12.7
(d) 13.2

Q53. Which of the following statement(s) is/are true?

I. $(\sqrt{9} - \sqrt{6}) > (\sqrt{6} - \sqrt{3})$
II. $(\sqrt{6} - \sqrt{9}) > (\sqrt{3} - \sqrt{5})$

(a) Only I
(b) Only II
(c) Both I and II
(d) Neither I nor II

Q54. How many positive factors of 112 are there?

(a) 9
(b) 10
(c) 8
(d) 7

Q55. What is the value of $\sqrt{(256 + \sqrt{484} + \sqrt{121})}$?

(a) 16
(b) 18
(c) 17
(d) 19

Q56. How many numbers are there from 11 to 131 which are divisible by both 5 and 7?

(a) 4
(b) 3
(c) 2
(d) 5

Q57. P alone can do a work in 60 days. P is 40% less efficient than Q. In how many days can Q alone do the same work?

(a) 40
(b) 38
(c) 35
(d) 36

Q58. Two pipes A and B can alone fill a tank in 6 hours and 9 hours respectively. Pipe C can alone empty the same tank in 6 hours. If all three pipes are opened together, then in how many hours will the tank be filled?

(a) 9
(b) 18
(c) 8
(d) 6

Q59. If the area of an equilateral triangle is $60\sqrt{3}$ m^2, then what is the value (in metres) of its height?

(a) $4\sqrt{5}$
(b) $5\sqrt{5}$
(c) $\sqrt{30}$

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(d) 6√5

Q60. A profit of 20% is made after giving a discount of 10% on an article. If the marked price of the article is Rs 2240, then what is its cost price (in Rs)?

(a) 1720
(b) 1680
(c) 1740
(d) 1800

Q61. An article has marked price of Rs 7500 and is available at a discount of 20%. The shopkeeper gives another discount to the buyer and sells the article for Rs 5100. What is the second discount (in %) offered?

(a) 10
(b) 15
(c) 12
(d) 18

Q62. The ratio of two positive numbers is 4 : 7. Their product is 4732. What is the smallest number?

(a) 143
(b) 52
(c) 91
(d) 104

Q63. If the sum of two numbers is equal to six times of their difference, then what is the ratio of the given numbers?

(a) 7 : 5
(b) 3 : 4
(c) 5 : 6
(d) 4 : 1

Q64. The average age of a class is 21 years. If a student with age 42 years joins the class, then new average age becomes 24 years. How many total students are there in the class now?

(a) 5
(b) 7
(c) 8
(d) 6

Q65. A sold a car to B at a profit of 20%. B sold the car to C at a loss of 10%. If C pays Rs 432 for car, then for how much (in Rs) A bought the car?

(a) 303.3
(b) 400
(c) 200
(d) 252.25

Q66. If oranges are bought at the rate of 9 for a rupee, then how many oranges must be sold for a rupee so as to gain 12.5%?

(a) 7
(b) 6
(c) 8
(d) 4

Q67. A number is decreased first by 30% and then it is again decreased by 30%. What is the percentage change in the number?

(a) 60% decrease
(b) 51% decrease
(c) No change
(d) 66% decrease

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Q68. Two numbers are 10% and 20% less than the third number respectively. First number is what percent of the second number?

(a) 112.5
(b) 115
(c) 108.5
(d) 105

Q69. A car travels at a speed of 50 m/s. for 5 hours. What is the distance (in km.) travelled by the car?

(a) 1000
(b) 900
(c) 990
(d) 500

Q70. A 700-metre-long train crosses an 800-metre-long bridge in 27 seconds. What is speed (in km/hr) of the train?

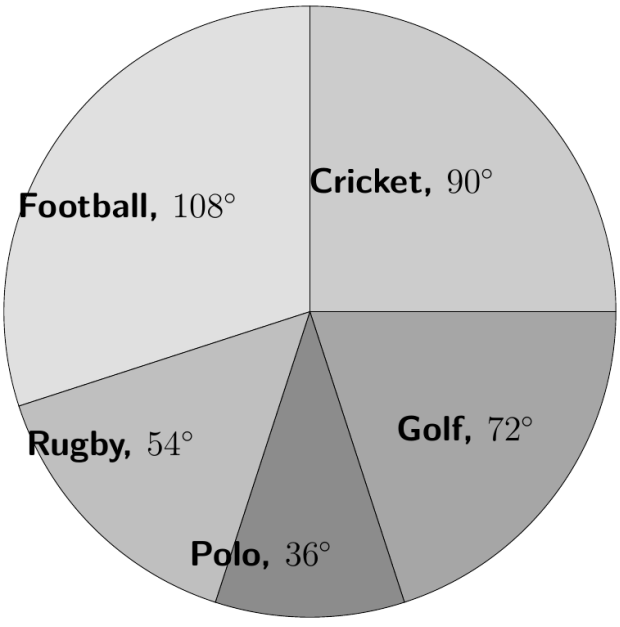
(a) 180
(b) 200
(c) 250
(d) 175

Q71. What is the sum (in Rs) of money which will become Rs 29160 at the rate of 8% per annum at compound interest in two years?

(a) 25000
(b) 26000
(c) 28000
(d) 20000

Directions

Direction: The pie chart given below shows the distribution of students who like the given 5 sports. The total number of students is 960.



Q72. What is the difference between the number of students who like Cricket and those who like Golf?

(a) 72
(b) 50
(c) 48
(d) 90

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Q73. The number of students who like Golf is how much percent more than the number of students who like Rugby?

(a) 25
(b) 50
(c) 33.33
(d) 66.66

Q74. What is the average number of students who like Golf and Cricket?

(a) 240
(b) 432
(c) 192
(d) 216

Q75. The total number of students who like these 2 sports is equal to the number of students who like Cricket. Which are these 2 sports?

(a) Golf and Football
(b) Rugby and Polo
(c) Cricket and Golf
(d) Polo and Golf

GENERAL AWARENESS

Q76. Which of the following places of Indus Valley Civilization is located in India?

(a) Harappa
(b) Mohenjodaro
(c) Lothal
(d) No option is correct.

Q77. Where did Siddhartha (Buddha) get enlightenment?

(a) Varanasi
(b) Saranath
(c) Kushinagar
(d) Gaya
(e) None of the above

Q78. The closest astronomical object to the Earth is _____.

(a) Proxima Centauri
(b) Moon
(c) Venus
(d) Sun

Q79. Asia's highest mountain peak is _____.

(a) Godwin Austen
(b) Mount Everest
(c) Kanchenjunga
(d) Nandadevi

Q80. Name the representative of the princely states who did NOT participate in the Constituent Assembly?

(a) Cooch Behar
(b) Kashmir
(c) Hyderabad
(d) Mysore

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Q81. The President's rule has its origin in which of the following nations?

(a) Yugoslavia
(b) Egypt
(c) Switzerland
(d) United States of America

Q82. What type of unemployment at present is a serious threat to the development of the Indian nation?

(a) Rural unemployment
(b) Urban unemployment
(c) Educated unemployment
(d) Open unemployment

Q83. Cheap Money refers to _____

(a) Low rate of interest
(b) Low level of savings
(c) Low level of income
(d) Low living standard

Q84. The chemical property of an element depends on _____.

(a) Atomic mass
(b) Atomic number
(c) Mass number
(d) Atomic weight

Q85. _____ turns the blue litmus paper into red.

(a) Acid
(b) Neutral Acid
(c) Alkali
(d) Salts

Q86. What is measured with the help of decibels?

(a) Haemoglobin in the blood
(b) Sugar in urine
(c) Sound
(d) Particle in the air

Q87. The balloon filled with Hydrogen gets burst when it goes up because of _____.

(a) the weight of Hydrogen increases
(b) Air pressure increases
(c) Hydrogen pressure decreases
(d) Air pressure decreases

Q88. Which crop is helpful in Nitrogen fixation?

(a) Rice
(b) Wheat
(c) Legume
(d) Corn

Q89. What is the most responsible factor for plant diseases?

(a) Fungus
(b) Bacterium
(c) Virus
(d) Protozoa

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Q90. In which form of energy, problem of pollution doesn't happen?

(a) Coal
(b) Atom
(c) Petrol
(d) The solar

Q91. The primary consumer in an ecology chain is: _____.

(a) Producer
(b) Vegetarian
(c) Carnivorous
(d) Decomposer

Q92. The control panel is a part of the _____ in the Computer System.

(a) Hardware
(b) Software
(c) Printer
(d) Hard disk

Q93. "Bull Fighting" is the popular sport of which of the following country?

(a) Spain
(b) Canada
(c) Scotland
(d) Japan

Q94. Which of the following has written "Ashtadhyayi"?

(a) Patanjali
(b) Paniini
(c) Kautilya
(d) Bharadwaj

Q95. Central Government have approved the investment for how many states under the 'Atal Mission for Rejuvenation and Urban Transformation' (AMRUT) scheme in the year 2017?

(a) 6
(b) 8
(c) 10
(d) 12

Q96. J. A. Fleming is the inventor of which of the following?

(a) Wireless Telegram
(b) Diode Bulb
(c) Photo Electric Effect
(d) Radium

Q97. The place Maghar is related to which of the great personality?

(a) Kabir
(b) Buddha
(c) Mahavira
(d) Guru Nanak

Q98. Who was the first woman who received the Jnanpith award?

(a) Mahadevi Verma
(b) Amrita Pritam
(c) Mahashweta Devi
(d) Ashapoorna Devi

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Q99. Which country of Asia launched a rail service to London in 2017?

(a) Kazakhstan
(b) Israel
(c) China
(d) Russia

Q100. Who is the current king of Bhutan?

(a) Sangye Dorji
(b) Jigme Dorjee
(c) Jigme Singye
(d) Jigme Khesar Namgyel Wangchuck

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a
91	a	92	a	93	a	94	a	95	a	96	a	97	a	98	a	99	a	100	a

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