

SSC MULTI-TASKING STAFF EXAM

Held on : 17.03.2013 (2nd Sitting) ————— Test Form No. : 998PK1

PART-I

GENERAL INTELLIGENCE AND REASONING

1. If $4 \times 2 \times 6 = 1626$, $3 \times 7 \times 4 = 974$, then $5 \times 6 \times 8 = ?$
 (1) 2568 (2) 5664
 (3) 6456 (4) 3658

Directions (2-3) : In the following questions, select the related word from the given alternatives.

2. Up : Down :: Back : ?
 (1) Deep (2) Front
 (3) Right (4) Left
3. Astronomy : Stars :: Geology : ?
 (1) Geometry (2) Science
 (3) Earth (4) Sky

Directions (4-7) : In the following questions, find the odd number/word from the given alternatives.

4. (1) Animal (2) Othello
 (3) Noun (4) Madam
5. (1) 8 : 64 (2) 7 : 49
 (3) 6 : 30 (4) 5 : 25
6. (1) 443 (2) 633
 (3) 821 (4) 245
7. (1) Millet (2) Barley
 (3) Wheat (4) Green gram
8. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
 a _ b _ c _ a _ bc _ b _ cb
 (1) ccbcca (2) ccacbc
 (3) cacabc (4) acbcab

9. Arrange the following words as per order in the dictionary.

1. Obscure 2. Objective
 3. Objection 4. Obligation
 5. Oblivion
 (1) 3, 2, 5, 4, 1
 (2) 3, 2, 5, 1, 4
 (3) 5, 2, 1, 3, 4
 (4) 3, 2, 4, 5, 1

Directions (10 - 12) : In the following questions, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

10. 15, 23, 31, 39, 2, 54, 61
 (1) 47 (2) 46
 (3) 44 (4) 45
11. 2, 3.5, 5, 6.5, 8, ?
 (1) 9.5 (2) 10.5
 (3) 11.0 (4) 9.0
12. 32, 58, 92, 134, ?
 (1) 184 (2) 194
 (3) 156 (4) 169

13. From the given alternative words, select the word which **cannot** be formed using the letters of the given word :

DISINTEGRATION

- (1) SIGNATURE
 (2) INTERN
 (3) SINGER
 (4) INTERROGATE

14. If PAINT is coded as 74128 and EXCEL is coded as 93596, how is ACCEPT coded ?

- (1) 457958 (2) 459758
 (3) 455978 (4) 459578

15. If '+' means ' \div ', ' \times ' means '+', ' $-$ ' means ' \times ' and ' \div ' means ' $-$ ', then which of the following equations is correct ?

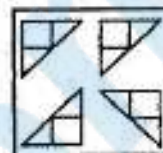
- (1) $36 \times 6 + 3 - 2 < 20$
 (2) $36 \times 6 + 3 \times 2 > 20$
 (3) $36 + 6 \times 3 \div 2 = 20$
 (4) $36 + 6 - 3 \times 2 = 20$

16. A father is 5 times as old as his son. His son is 6 years old. After how many years, will the father be 4 times as old as his son ?

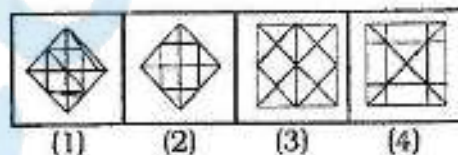
- (1) 5 years
 (2) 6 years
 (3) 4 years
 (4) 2 years

Directions (17-18) : In the following questions, among the four answer figures, which figure can be formed from the cut-pieces given below in the question figure ?

17. Question Figure :



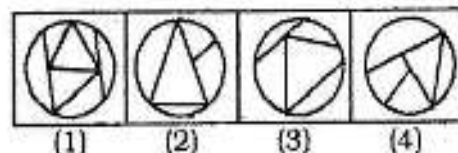
Answer Figures :



18. Question Figure :



Answer Figures :

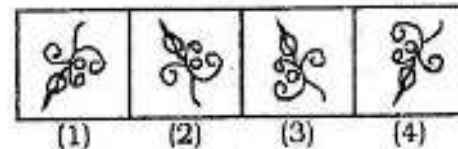


Directions (19-20) : In the following questions, a mirror is placed on line MN. Then which of the answer figures is the correct image of the given figure ?

19. Question Figure :



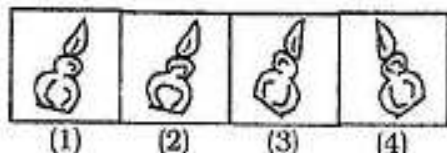
Answer Figures :



20. Question Figure :

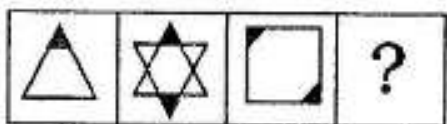


Answer Figures :

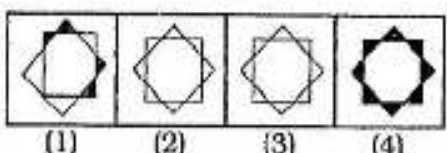


21. Find the missing figure of the series from the given responses.

Question Figures :



Answer Figures :

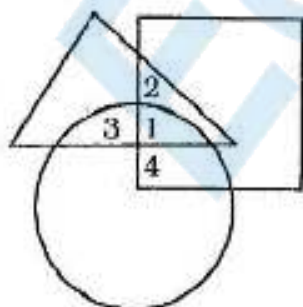


22. Select the missing number from the given responses.



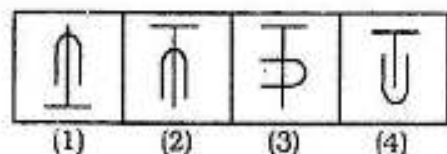
- (1) 49 (2) 45
(3) 64 (4) 56

23. In the given diagram, Circle represents strong men, Square represents short men and Triangle represents military officers. Which region represents military officers who are short but not strong?



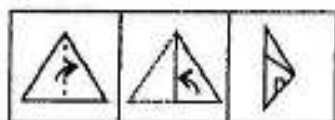
- (1) 3 (2) 4
(3) 1 (4) 2

24. Select the figure which is different from the rest.

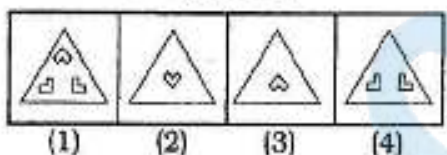


25. A triangular piece of paper is folded and cut as shown below. Find out from the answer figures how it will appear when opened.

Question Figure :



Answer Figures :



PART-II

NUMERICAL APTITUDE

26. The ratio in which a man must mix rice at Rs. 10.20 per kg and Rs. 14.40 per kg so as to make a mixture worth Rs. 12.60 per kg, is

- (1) 4 : 3 (2) 2 : 5
(3) 18 : 24 (4) 3 : 4

27. The simplified value of

$$\frac{\sqrt{32} + \sqrt{48}}{\sqrt{8} + \sqrt{12}} \text{ is}$$

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

28. $\frac{9.5 \times 0.085}{0.0017 \times 0.19}$ equals

- (1) 50 (2) 500
(3) 0.05 (4) 5

29. Two pipes A and B can fill a tank in 6 hours and 4 hours respectively. If they are opened on alternate hours and if pipe A is opened first, then the tank shall be full in

- (1) 5 hrs (2) $5\frac{1}{2}$ hrs
(3) 6 hrs (4) $4\frac{1}{2}$ hrs

30. A, B and C can do a piece of work in 10, 12 and 15 days

respectively. A leaves 5 days before the completion of the work and B leaves 2 days after A. The whole work lasts for

(1) 6 days (2) 12 days
(3) 13 days (4) 7 days

31. A circle is inscribed in an equilateral triangle and a square is inscribed in that circle. The ratio of the areas of the triangle and the square is

- (1) $\sqrt{3} : 4$ (2) $\sqrt{3} : 8$
(3) $3\sqrt{3} : 2$ (4) $3\sqrt{3} : 1$

32. If the sum of the length, breadth and height of a rectangular parallelepiped is 24 cm and the length of its diagonal is 15 cm, then its total surface area is

- (1) 256 cm² (2) 265 cm²
(3) 315 cm² (4) 351 cm²

33. Two successive discounts of 70% and 30% are equivalent to a single discount of

- (1) 75% (2) 79%
(3) 100% (4) 89%

34. A merchant allows a discount of 10% on marked price for the cash payment. To make a profit of 17%, he must mark his goods higher than their cost price by

- (1) 33% (2) 40%
(3) 27% (4) 30%

35. A merchant purchases a wrist watch for Rs. 450 and fixes its list price in such a way that after allowing a discount of 10%, he earns a profit of 20%. Then the list price of the watch is

- (1) Rs. 650 (2) Rs. 700
(3) Rs. 550 (4) Rs. 600

36. Two persons contested an election of Parliament. The winning candidate secured 57% of the total votes polled and won by a majority of 42,000 votes. The number of total votes polled is

- (1) 5,00,000 (2) 6,00,000
(3) 3,00,000 (4) 4,00,000

37. A number when reduced by 10% gives 30. The number is

- (1) $33\frac{1}{2}$ (2) $33\frac{1}{3}$
(3) 40 (4) 35

38. Two trains 108 m and 112 m in length are running towards each other on the parallel lines at a speed of 45 km/hr and 54 km/hr respectively. To cross each other after they meet, it will take

(1) 12 sec (2) 9 sec
(3) 8 sec (4) 10 sec

39. Walking at a speed of 5 km/hr, a man reaches his office 6 minutes late. Walking at 6 km/hr, he reaches there 2 minutes early. The distance of his office is

(1) 3 km (2) 4 km
(3) 3.5 km (4) 2 km

40. A certain amount of money is divided among x, y and z. If x receives 25% more than y and y receives 25% less than z, then $x : y : z$ is equal to

(1) 14 : 12 : 13
(2) 15 : 12 : 16
(3) 10 : 9 : 12
(4) 12 : 10 : 11

41. The present ages of two persons are 36 and 50 years respectively. If after n years the ratio of their ages will be 3 : 4, then the value of n is

(1) 4 (2) 7
(2) 6 (4) 3

42. Out of 20 boys, 6 are each of 1 m 15 cm height, 8 are of 1 m 10 cm and rest of 1 m 12 cm. The average height of all of them is

(1) 1 m 12.1 cm
(2) 1 m 21.1 cm
(3) 1 m 21 cm
(4) 1 m 12 cm

43. Average of first five prime numbers is

(1) 5.3 (2) 5.6
(3) 5 (4) 3.6

44. A dishonest grocer sells rice at a profit of 10% and also uses weights which are 20% less than the marked weight. The total gain earned by him will be

(1) 37.5% (2) 40%
(3) 30.5% (4) 35%

45. The cost price of a radio is Rs. 600. The 5% of the cost price is charged towards trans-

portation. After adding that, if the net profit to be made is 15%, then the selling price of the radio must be

(1) Rs. 704.50
(2) Rs. 724.50
(3) Rs. 664.50
(4) Rs. 684.50

46. By selling a fan for Rs. 600, a man loses 10%. To make a gain of 20%, the selling price of the fan should be

(1) Rs. 900 (2) Rs. 1000
(3) Rs. 700 (4) Rs. 800

47. A sum of money becomes 1.331 times in 3 years as compound interest. The rate of interest is

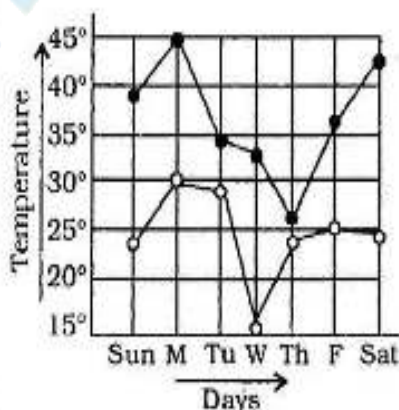
(1) 8% (2) 7.5%
(3) 10% (4) 50%

48. A person deposited Rs. 500 for 4 years and Rs. 600 for 3 years at the same rate of simple interest in a bank. Altogether he received Rs. 190 as interest. The rate of simple interest per annum was

(1) 4% (2) 5%
(3) 2% (4) 3%

49. The following graph represents the maximum and minimum temperature recorded every day in a certain week. The day on which the difference between the maximum and minimum temperature was maximum is

● Maximum temperature
○ Minimum temperature



(1) Wednesday
(2) Saturday
(3) Sunday
(4) Monday

50. Different choices made by a group of 200 students are given below in percentage. The number of students who have taken neither Science nor Commerce is

Percentage of Students in different streams

Name of Streams	Intake Ratio
Science	29%
Arts	29%
Commerce	31%
Home Science	6%
Others	5%

(1) 80 (2) 120
(3) 60 (4) 40

PART-III

GENERAL ENGLISH

Directions (51 - 60) : In the following questions, some parts of the sentences have errors and some have none. Find out which part of a sentence has an error. The number of that part is your answer. If a sentence is free from error, then your answer is (4), i.e. No Error.

51. Flowers (1)/that are just picked (2)/begins to rot is 15 seconds. (3)/ No Error (4)
52. You haven't responded (1)/ to my invitation (2)/ didn't you ? (3)/No Error (4)
53. According to some estimates, (1)/ there are (2)/seven thousand type of plants. (3)/No Error (4)
54. Every one (1)/ must sign their full names (2)/ before entering the hall. (3)/No Error (4)
55. The Great Wall of China (1)/is the one structure build by man (2)/ visible from the moon.(3)/ No Error (4)
56. In the fourth semester (1)/ of the course, the (2)/ attendance fell down.(3)/ No Error (4)
57. Some of his (1)/ luggages were lost (2)/ in the train. (3)/ No Error (4)
58. No sooner the minister had heard (1)/ about the accident (2)/ than he rushed to the spot. (3)/ No Error (4)
59. My nephew (1)/ begun working for me (2)/ about ten years ago. (3)/ No Error (4)

60. Prohibition aims at reducing
(1)/ traffic accidents many of
which (2)/ is caused by drunk-
enness. (3)/ No Error (4)

Directions (61-70) : In the following questions, sentences are given with blanks to be filled with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

61. My tennis player is a ____;
she will not play mixed dou-
bles in shorts or a tennis
skirt; she is overly concerned
about being proper or mod-
est.

(1) admonish (2) prude
(3) rude (4) loyal

62. Sometimes it is good to ____
your soul in front of your
friends.

(1) bear (2) bare
(3) beer (4) bar

63. If you are worried about the
problem, you should do
something ____ it.

(1) against (2) with
(3) for (4) about

64. This is entirely ____ you
and me.

(1) between (2) from
(3) among (4) amidst

65. The mother parted ____ her
married daughter in sorrow.

(1) for (2) off
(3) away (4) from

66. This movie is directed by
Steven Spielberg. ____ ?

(1) hasn't he (2) hasn't it
(3) isn't it (4) isn't he

67. ____ can be no excuses this
time, students !

(1) They're (2) They
(3) Their (4) There

68. Tables are usually made
____ wood.

(1) from (2) of
(3) with (4) by

69. All of them are surprised
____ her rudeness.

(1) with (2) upon
(3) at (4) on

70. When Wilbur Wright tried to
sell his flying machine to the
U.S. Government, the offi-
cials in charge were ____.

- (1) highly misunderstood
(2) grudging skeptical
(3) grudgingly unhappy
(4) highly skeptical

Directions (71-73) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word as your answer.

71. Coarse

(1) Path (2) Difficult
(3) Rough (4) Definite

72. Vanish

(1) Disappear (2) Decrease
(3) Encircle (4) Reveal

73. Spurious

(1) Modest
(2) Spontaneous
(3) Fake (4) Sincere

Directions (74-76) : In the following questions, choose the word opposite in meaning to the given word as your answer.

74. Malice

(1) Ecstasy (2) Happiness
(3) Honour (4) Goodwill

75. Genial

(1) Stupid (2) Intelligent
(3) Hostile (4) Affable

76. Eminent

(1) Renowned (2) Ordinary
(3) Special (4) Ignorant

Directions (77-79) : In the following questions, four alternatives are given for the Idiom/Phrase printed in **bold** in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase as your answer.

77. He made a few statements,
but all were **wide off the
mark**.

(1) irrelevant
(2) crucial
(3) important
(4) unreasonable

78. The prices are going up by
leaps and bounds.

(1) gradually
(2) irregularly
(3) rapidly
(4) systematically

79. I did not **give in** to his re-
quest.

(1) approve (2) like
(3) permit (4) yield

Directions (80-84) : In the following questions, a part of the sentence is printed in **bold**. Below are given alternatives to the **bold** part at (1) (2), (3) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (4).

80. He proved himself unique for
he refused to **go with the
tide**.

(1) go in the tide
(2) go against the tide
(3) go by the tide
(4) No improvement

81. The building you are talking
about **is not existing**.

(1) have not been existing
(2) does not exist
(3) has not been existing
(4) No improvement

82. His lecture was **banned** be-
cause of the bandh.

(1) called off
(2) disturbed
(3) interrupted
(4) No improvement

83. Some people garner new **ex-
periences** after retirement.

(1) episodes
(2) events
(3) happenings
(4) No improvement

84. The deaf man asked me to
speak up.

(1) speak in
(2) speak into
(3) speak down
(4) No improvement

Directions (85 - 89) : In the following questions, out of the four alternatives choose the one which can be substituted for the given words/sentence.

85. One who eats too much
(1) Glutton (2) Obese
(3) Overweight
(4) Greedy

86. Existing only in the mind
(1) Imaginary (2) Fallacy
(3) Gamble
(4) Missionary

87. Likely to arouse envy
(1) Envious
(2) Economical
(3) Envious (4) Jealous

88. One who loves and supports his or her country and is willing to defend it.

- (1) A patriot (2) A martyr
(3) An alien (4) An atheist

89. The study of birds

- (1) Zoology
(2) Ornithology
(3) Physiology
(4) Anthropology

Directions (90 - 95) : In the following questions, there are four different words out of which one is correctly spelt. Find the correctly spelt word as your answer.

90. (1) vagebond
(2) vegabonde
(3) vegabond
(4) vagabond

91. (1) manared (2) manerred
(3) mannared (4) mannered

92. (1) territory (2) ierritory
(3) territery (4) teritory

93. (1) precausion
(2) pricaution
(2) precotion
(4) precaution

94. (1) determinasion
(2) detirmination
(3) determination
(4) detrmination

95. (1) sensasion
(2) sansassion
(3) sansation
(4) sensation

Directions (96 - 100) : In the following questions, you have a passage with 5 questions. Read the passage carefully and choose the best answer to each questions out of the four alternatives.

The Prime Minister recommends the names of the persons for appointment as the members of the Council of Ministers by the President. He can recommend the name of any person for appointment as Minister. Of course he has to see the interests of his Ministry so that it works in a homogeneous manner. Any Minister who does not see eye to eye with the Prime Minister has to quit the Council of Ministers.

The Prime Minister also advises the President on the allocation of portfolios to the members of his Council of Ministers. He can give any department to any Minister and thus keep a control over them.

The Prime Minister can make any changes in the formation of his Ministry. He can shuffle his Ministry like a pack of cards as he likes. He can change the portfolios of his colleagues or reallocate the portfolios according to their performance. The Prime Minister presides over the meetings of the Cabinet. The President does not participate in these meetings. In the Cabinet all the important decisions are taken which are binding on all the Ministers.

96. 'Homogeneous', in the passage means

- (1) consisting of the same substance
(2) fragmented
(3) united
(4) working independently

97. The final control is in the hands of the

- (1) Individual Minister
(2) Council of Ministers
(3) President
(4) Prime Minister

98. 'Colleagues', in the passage refers to

- (1) Ministers
(2) All the people working in the Prime Minister's office
(3) The Prime Minister's friends
(4) Co-workers

99. Who recommends the names of the persons for appointment as Ministers ?

- (1) Prime Minister
(2) Speaker (3) President
(4) Cabinet Secretary

100. What happens if the Prime Minister and the Minister have a disagreement ?

- (1) The President dismisses the Government
(2) The Cabinet resigns
(3) The Prime Minister resigns
(4) The Minister quits

PART-IV

GENERAL AWARENESS

101. Who among the following is known as the "Father of the Indian Renaissance" ?

- (1) Raja Ram Mohan Roy
(2) Rabindra Nath Tagore
(3) Swami Dayanand Saraswati
(4) Swami Vivekanand

102. Which among the following is a constitutional body as per the Indian Constitution ?

- (1) Finance Commission
(2) National Development Council
(3) Planning Commission
(4) None of the above

103. From which language, has the term 'democracy' been derived ?

- (1) Greek (2) Hebrew
(3) English (4) Latin

104. The author of 'Harsha Charita' was

- (1) Banabhatta
(2) Amara Simha
(3) Kalidasa (4) Harisena

105. Who wrote the song 'Sare Jahan Se Accha Hindoostan Hamara' ?

- (1) Ashafaquallah Khan
(2) Sahir Ludhianvi
(3) Mohammad Iqbal
(4) Ramprasad Bismil

106. Where was the first Buddhist Council held ?

- (1) Vaishali (2) Kashmir
(3) Rajagriha (4) Pataliputra

107. In which cities of Japan were atomic bombs dropped during World War II ?

- (1) Tokyo and Hiroshima
(2) Nagasaki and Miyazaki
(3) Sendai and Hiroshima
(4) Hiroshima and Nagasaki

108. Who was called the "Father of Local Self-government" in India?

- (1) Lord Ripon
(2) Lord Hardinge
(3) Lord Dalhousie
(4) Lord Lytton

109. A market in which there are a few number of large firms is called as

- (1) Duopoly
(2) Competition
(3) Oligopoly (4) Monopoly
- 110.** The system of "Memorandum of Understanding" (MoU) was introduced in
(1) 1989 - 90 (2) 1990 - 91
(3) 1987 - 88 (4) 1988 - 89
- 111.** The main watchdog of International Trade is
(1) World Trade Organization (WTO)
(2) International Finance Corporation (IFC)
(3) International Monetary Fund (IMF)
(4) World Bank (WB)
- 112.** Synonym of Internet is
(1) Gopher (2) Intranet
(3) Cyber Space
(4) World Wide Web (WWW)
- 113.** Number of sellers in the monopoly market structure is
(1) few (2) large
(3) one (4) two
- 114.** Which among the following is correctly matched?
(1) Non-Cooperation Movement — Surendra Nath Banerjee
(2) Swadeshi Movement — Rabindra Nath Tagore
(3) Indian National Army — Subhash Chandra Bose
(4) Swaraj Party — Mahatma Gandhi
- 115.** Which of the following parts of the Indian Constitution ensures social and economic democracy?
(1) Emergency Provisions
(2) Centre — State relations
(3) Directive Principles of State Policy
(4) None of the above
- 116.** The sum of genes in a population is called
(1) Phenotype (2) Karyotype
(3) Genotype (4) Gene pool
- 117.** Magnetic keepers are pieces of
(1) Nickel (2) Cobalt
(3) Steel (4) Soft iron
- 118.** When a piece of stone is immersed in water, it displaces water of equal
(1) Density
- (2) Specific gravity
(3) Mass (4) Volume
- 119.** The motion of a body that repeats itself after a regular interval of time is
(1) a periodic motion
(2) a simple harmonic motion
(3) an aperiodic motion
(4) an oscillatory motion
- 120.** A radioactive substance does not undergo any change (in mass or charge) during
(1) gamma-emission
(2) oxidation
(3) alpha-emission
(4) beta-emission
- 121.** The most crucial portion of any computer is the _____.
(1) I/O Unit (2) Hard Disk
(3) CPU (4) Memory
- 122.** In MS-Word, multiple words, lines or paragraphs can be selected by using ____ key.
(1) Shift
(2) Function F₅
(3) Alt
(4) Ctrl
- 123.** Pick the odd one out.
(1) Floppy Disk
(2) ROM (3) DVD
(4) Hard Disk
- 124.** Silicon is a
(1) Semiconductor
(2) Insulator
(3) Nonconductor
(4) Conductor
- 125.** The orientation of an atomic orbital is governed by
(1) principal quantum number
(2) magnetic quantum number
(3) spin quantum number
(4) azimuthal quantum number
- 126.** The highest peak in India is
(1) Kamet
(2) Nandakot
(3) Nanda Devi
(4) K2 (Godwin Austen)
- 127.** Mounds of sand formed by wind action are called
(1) Cliffs (2) Cirques
(3) Dunes (4) Hamadas
- 128.** The equal length of day and night on September 23rd in all parts of the world is known as
- (1) Autumnal Equinox
(2) Celestial Equinox
(3) Winter Equinox
(4) Vernal Equinox
- 129.** The world's largest island is
(1) New Guinea
(2) Madagascar
(3) Greenland
(4) Iceland
- 130.** Which one of the following soils is used for the production of bricks?
(1) Peaty and organic
(2) Saline
(3) Laterite
(4) Red and yellow
- 131.** 'Plague' is caused by _____.
(1) Bacteria
(2) Protozoa
(3) Virus
(4) All of the above
- 132.** Bio-magnification implies
(1) Toxic matters are magnified
(2) Living beings are magnified
(3) Light is magnified
(4) Food is magnified
- 133.** Which of the following can be used for biological control of mosquitoes?
(1) DDT (2) Gambusia
(3) Oil (4) Ointments
- 134.** Which of the following is **not** an insectivorous plant?
(1) Nepenthes (2) Utricularia
(3) Drosera (4) Cuscuta
- 135.** Which State called the 'Rice-Bowl' of India?
(1) Kerala (2) Karnataka
(3) Andhra Pradesh
(4) Tamil Nadu
- 136.** Who wrote 'Indica'?
(1) I-tsing
(2) Megasthenes
(3) Fa-hien
(4) Hsueh Tsang
- 137.** Peking is the sacred place of
(1) Taoism
(2) Shintoism
(3) Confucianism
(4) Judaism
- 138.** Kathakali classical dance originated in
(1) Rajasthan (2) Tamil Nadu
(3) Kerala (4) Karnataka

139. How many times has Brazil won the World Cup Football Championship ?

- (1) Five (2) Once
(3) Four (4) Twice

140. How many players are there on each side in the game of basketball ?

- (1) 6 (2) 7
(3) 4 (4) 5

141. The first recipient of the Dada Saheb Phalke Award was

- (1) Mrs. Devika Rani
(2) Mrs. Kanan Devi
(3) B.N. Sarkar
(4) Prithvi Raj Kapoor

142. Norman Ernest Borlaug, regarded as the father of Green Revolution in India, is from

- (1) Australia
(2) New Zealand
(3) USA (4) Mexico

143. Who was the first person to 'walk' in space ?

- (1) Lovell (2) Anders
(3) Leonov (4) Armstrong

144. The percentage of oxygen in air is approximately

- (1) 100% (2) 1%
(3) 78% (4) 21%

145. What is the second largest component in milk ?

- (1) Fat (2) Minerals
(3) Water (4) Sugar

146. The term 'Green Revolution' was coined by

- (1) William Gaud
(2) Charles Elton
(3) Eugene Odum
(4) M.S. Swaminathan

147. The rate of deforestation is high in

- (1) Tropical zone
(2) Desert areas
(3) Temperate zone
(4) Boreal forest

148. The sweet taste of fruits is due to

- (1) Lactose (2) Fructose
(3) Maltose (4) Ribose

149. The Biosphere is the zone of Earth where life is found. It includes parts of :

1. Hydrosphere
2. Lithosphere

3. Stratosphere

4. Troposphere

Select the correct answer from the following :

- (1) 1 and 3 (2) 1, 2 and 4
(3) 1 and 4 (4) 2, 3 and 4

150. Who was the first Chief Election Commissioner of India ?

- (1) K.V.K. Sundaram
(2) Sukumar Sen
(3) G.V. Mavlankar
(4) T. Swaminathan