
DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO.

T.B.C. : Q-TDSB-M-HBU

Test Booklet Series

A

TEST BOOKLET
GENERAL ABILITY TEST

Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION; YOU SHOULD CHECK THAT THIS TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C OR D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your *Roll Number* on the Test Booklet in the Box provided alongside. *DO NOT* write *anything else* on the Test Booklet.
4. This Test Booklet contains **120** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator *ONLY* the *Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers :**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third (0.33)** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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Directions (For the 10 items which follow) :

- (i) In this section, a number of sentences are given. The sentences are underlined in three separate parts and each one is labelled (a), (b) and (c). Read each sentence to find out whether there is an error in any underlined part. No sentence has more than one error. When you find an error in any one of the underlined parts (a), (b) or (c), indicate your response on the separate Answer Sheet at the appropriate space. You may feel that there is no error in a sentence. In that case, letter (d) will signify a 'No error' response.
- (ii) You are to indicate only one response for each item in your Answer Sheet. (If you indicate more than one response, your answer will be considered wrong.) Errors may be in grammar, word usage or idioms. There may be a word missing or there may be a word which should be removed.
- (iii) You are **not** required to correct the error. You are required **only** to indicate your response on the Answer Sheet.

Examples 'P' and 'Q' have been solved for you.

P. The young child singed a very sweet song. No error
(a) (b) (c) (d)

Q. We worked very hard throughout the season. No error
(a) (b) (c) (d)

Explanation :

In item P, the word 'singed' is wrong. The letter under this part is (b), so (b) is the correct answer. Similarly, for item Q, (d) is the correct answer, as the sentence does not contain any error.

1. The person who I met yesterday was my classmate. No error
(a) (b) (c) (d)

2. To me it appears that. Anthropology is the more interesting of all subjects. No error
(a) (b) (c) (d)

3. A number of Indians have become (a)
software engineers in the USA because of their proficiency in English, (b) isn't it? (c)
No error (d)
4. Since his arrival in India, (a) he is visiting as many villages as he can (b)
to acquire a firsthand knowledge of the rural India. (c) No error (d)
5. It was decided in an emergency meeting of teachers (a) in the college (b)
to impose on students a fine of five hundred rupees. (c) No error (d)
6. The honesty (a) is (b) a virtue. (c) No error (d)
7. The committee (a) could not come to (b) a final conclusion. (c) No error (d)
8. Although he is my immediate neighbour (a) I do not get help from him (b)
especially when I need it the most. (c) No error (d)
9. It is impossible (a) to either predict the future (b) or forget the past. (c) No error (d)
10. The cattle in the meadow (a) was terrified to hear unexpected (b)
the roar of a lion which appeared to be wild with anger. (c) No error (d)

Directions (For the 10 items which follow) :

Each of the following items consists of a sentence followed by four words or groups of words. Select the **synonym** of the word (occurring in the sentence in capital letters) as per the context.

11. The Minister's **ITINERARY** has not been announced yet.

(a) Detailed route

(b) Series of lectures

(c) Topic of discussion

(d) Venue of meeting

13. What a **TEDIOUS** lecture we attended yesterday!

(a) Intellectual

(b) Exciting

(c) Ordinary

(d) Boring

12. The decision to hold elections in the four States of the country has been kept in **ABEYANCE** till the decision of the Supreme Court.

(a) Guessing

(b) Confusion

(c) Suspension

(d) Consideration

14. He has achieved **REMARKABLE** success.

(a) Outstanding

(b) Strange

(c) Rare

(d) Surprising

15. The town is situated in a hot and ARID zone.

(a) Humid

(b) Sandy

(c) Marshy

(d) Dry

18. He has been very FEEBLE since his illness.

(a) Unwell

(b) Thin

(c) Foolish

(d) Weak

16. The PASSION for uniformity in spelling is unparalleled in the modern age.

(a) Desire

(b) Feeling

(c) Wish

(d) Ambition

19. He was INFURIATED by the maddening behaviour of the clerk at the post office.

(a) Disgusted

(b) Enraged

(c) Pacified

(d) Depressed

17. The radio APPRISED the public of the safe return of the first space pilot.

(a) Advised

(b) Informed

(c) Instructed

(d) Revealed

20. The medicine did not exactly cure the patient, but it considerably ALLEVIATED his agony.

(a) Improved

(b) Increased

(c) Reduced

(d) Made pleasant

Directions (For the 10 items which follow) :

Each of the following items consists of a sentence followed by four words or groups of words. Select the **antonym** of the word or words (occurring in the sentence in capital letters) as per the context.

21. The CONFRONTATION between the two parties could not be averted.

- (a) Friendship
- (b) Angry disagreement
- (c) Reconstitution
- (d) Agreement

23. A new court has been established to try JUVENILE offenders.

- (a) Young
- (b) Female
- (c) Aged
- (d) Male

22. Sometimes even INDUSTRIOUS people fail.

- (a) Indolent
- (b) Mercenary
- (c) Fortunate
- (d) Factious

24. He is disliked by all his colleagues for his ARROGANCE.

- (a) Humility
- (b) Generosity
- (c) Joviality
- (d) Decency

25. He got VOLUNTARY retirement on account of his failing health.

- (a) Urgent
- (b) Compulsory
- (c) Premature
- (d) Undesirable

26. The land is FERTILE.

- (a) Poor
- (b) Barren
- (c) Deserted
- (d) Fruitless

27. For some reasons, the police want to CONCEAL the identity of the detainee.

- (a) Reveal
- (b) Confuse
- (c) Disclaim
- (d) Refuse

28. You may not VIOLATE the rules and regulations of the college.

- (a) Respect
- (b) Study
- (c) Comply with
- (d) Adopt

29. People GATHERED at his shop.

- (a) Dispersed
- (b) Spread
- (c) Disappeared
- (d) Cleared

30. The university's plans were FRAUGHT WITH difficulties.

- (a) Burdened with
- (b) Designed for
- (c) Devoid of
- (d) Cause of

Directions (For the 10 items which follow) :

Fill in the blanks with appropriate phrasal verbs from the alternatives given below under each item.

31. He is — making his career in sales.
(a) committed for
(b) committed in
(c) committed with
(d) committed to
32. As she became tired, errors began to — her work.
(a) creep with
(b) creep into
(c) creep off
(d) creep up
33. She seems — bad luck.
(a) cursed by
(b) cursed with
(c) cursed for
(d) cursed on
34. Your option on this issue — traditional political boundaries.
(a) cuts across
(b) cuts into
(c) cuts off
(d) cuts by
35. Sorry, I am not — local places.
(a) conversant to
(b) conversant in
(c) conversant with
(d) conversant into
36. His actions are hardly — the tall claims he makes.
(a) compatible with
(b) compatible to
(c) compatible for
(d) compatible on
37. He wanted to — his colleagues before reducing a decision.
(a) confer with
(b) confer to
(c) confer in
(d) confer upon
38. The child is — calcium.
(a) deficient into
(b) deficient in
(c) deficient from
(d) deficient on
39. Several people have — sick today.
(a) called in
(b) called for
(c) called on
(d) called to
40. He was — by his aunt.
(a) brought up
(b) brought out
(c) brought off
(d) brought with

Directions (For the 10 items which follow) :

In the following items, some parts of the sentence have been jumbled up. You are required to rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence and mark in your Answer Sheet accordingly.

Example 'Z' has been solved for you.

Z. Some people believe that the effect is very bad on children of cinema
P Q R S

The correct sequence should be

- (a) PSRQ
- (b) SPQR
- (c) SRPQ
- (d) QSRP

Explanation :

The proper way of writing the sentence is "Some people believe that the effect of cinema on children is very bad". This is indicated by the sequence PSRQ and so (a) is the correct answer.

41. I came to India and when I landed two words of Hindi I could speak, rather badly
P Q R
when I was twelve
S

The correct sequence should be

- (a) RQPS
- (b) SPRQ
- (c) QSRP
- (d) PRSQ

42. The only way to learn is to live a life automatically develop social habits
P Q R
in which such habits
S

The correct sequence should be

- (a) RPSQ
- (b) QSRP
- (c) PRQS
- (d) SRQP

43. once you do and speak out before a group for the first time
P Q
you have taken a big step forward although it is not easy to get on your feet
R S

The correct sequence should be

- (a) SQPR
- (b) PRSQ
- (c) QSRP
- (d) RQSP

44. We go into the city and to get a general picture collect enough samples
P Q
what is going on there and it tells us
R S

The correct sequence should be

- (a) SPRQ
- (b) RPSQ
- (c) QPSR
- (d) PSQR

45. For five years for a number of railway companies Edison worked
P Q
in various towns as a telegraph operator
R S

The correct sequence should be

- (a) PSRQ
- (b) SPQR
- (c) RQPS
- (d) QSPR

46. In the whole page he can point out hardly any mistake
P Q R S

The correct sequence should be

- (a) PQRS
- (b) PRQS
- (c) SRPQ
- (d) RPQS

47. Her mother when she was born ten years ago threw her into a dustbin
P Q R S

The correct sequence should be

- (a) PQRS
- (b) RSPQ
- (c) PSQR
- (d) QPSR

48. The Central Leather Institute for curing and tanning rat skin has developed
P Q
to make purses and footwear a new process
R S

The correct sequence should be

- (a) SRPQ
- (b) PSQR
- (c) SPRQ
- (d) QSPR

49. Most people not realizing how essential judicious exercise is for good health
P Q
take next to no physical exercise and are surprised when they fall ill
R S

The correct sequence should be

- (a) PRSQ
- (b) PQSR
- (c) RSPQ
- (d) QRSP

50. she would rather die where her heart should have been
P Q
than throw herself on the mercy of her sister-in-law who had a big rock
R S

The correct sequence should be

- (a) PRQS
- (b) PRSQ
- (c) PSQR
- (d) SPRQ

Directions (For the 10 items which follow) :

In this section, you have **two** short passages. After each passage, you will find several questions based on the passage. First, read a passage and then answer the questions based on it. You are required to select your answers based on the contents of the passage and opinion of the author only.

Examples 'I' and 'J' have been solved for you:

PASSAGE (EXAMPLE)

In our approach to life, be it pragmatic or otherwise, a basic fact that confronts us squarely and unmistakably is the desire for peace, security and happiness. Different forms of life at different levels of existence make up the teeming denizens of this earth of ours. And, no matter whether they belong to the higher groups such as human beings or to the lower groups such as animals, all beings primarily seek peace, comfort and security. Life is as dear to a mute creature as it is to a man. Even the lowliest insect strives for protection against dangers that threaten its life. Just as each one of us wants to live and not to die, so do all other creatures.

- I. The author's main point is that
- (a) different forms of life are found on the earth
 - (b) different levels of existence are possible in nature
 - (c) peace and security are the chief goals of all living beings
 - (d) even the weakest creature struggles to preserve its life

- J. Which one of the following assumptions or steps is essential in developing the author's position?
- (a) All forms of life have a single overriding goal.
 - (b) The will to survive of a creature is identified with a desire for peace
 - (c) All beings are divided into higher and lower groups
 - (d) A parallel is drawn between happiness and life, and pain and death

Explanation :

- I. The idea which represents the author's main point is "peace and security are the chief goals of all living beings", which is response (c). So (c) is the correct answer.
- J. The best assumption underlying the passage is "The will to survive of a creature is identified with a desire for peace", which is response (b). So (b) is the correct answer.

PASSAGE—I

Have you ever heard a parrot or a pet talk? Or perhaps you have seen the roadside astrologer who has a couple of parrots in his cage, which, at his command, picks out your fortune card from a pile of cards. You may also have heard of pigeons which once acted as messengers.

All these make you ask the question : are birds intelligent? Can they learn things? Formerly the biologists thought that birds could not learn anything, because their brains were too small and too simple, compared to the intricate nervous system, and brain of higher animals. They can act only by instinct, following certain fixed behavioural patterns. Recent studies have shown that bird behaviour is a combination of instinctive or fixed behaviour and learned or flexible behaviour.

51. The given passage deals with
- (a) bird behaviour
 - (b) the learning capacity of birds/pets
 - (c) the roadside astrologer
 - (d) the use of instinct and command by birds
52. The writer evidently
- (a) believes that birds are intelligent by birth
 - (b) suggests that birds can learn by practice
 - (c) negates the capacity of birds
 - (d) likes to experiment with pets
53. Formerly the biologists thought birds could not learn anything because
- (a) they blindly follow their instinct
 - (b) they are only interested to eat
 - (c) they do not have an intricate nervous system
 - (d) None of the above
54. Recent studies have shown that birds behave in a particular/peculiar way because
- (a) of training and hard-work
 - (b) they have such unborn qualities
 - (c) they listen to the command of their instinct
 - (d) of their instinctive or fixed behaviour and learned or flexible behaviour
55. What can be the most suitable title to the passage?
- (a) Birds and other pets
 - (b) Birds : their instinct and behaviour
 - (c) How to train birds?
 - (d) The brain of birds

PASSAGE—II

In the early decades of the twentieth century, German was one of the important languages of scientific communication. A scientist did not need the knowledge of any other language to stay abreast of current developments in his/her field. But a recent survey shows that scientists are using German less and less, and are switching over to English. Even in the field of medicine, where on the whole, German still occupies a place of importance, the general trend is towards English.

Greek was the language in which medical treatises appeared. In the Middle Ages, Latin was the language of learning in the countries of Europe. In the eighteenth century, the national languages displaced Latin. In Germany, doctors began to use German. Now, in the last thirty years, there has been a further change. English has become the best, perhaps the only medium, through which communication with a wider audience is feasible.

56. What is the reason for the decline in the use of German as a language for medical writing?
- (a) German's defeat in the World War II
 - (b) The preference of English worldwide with a larger audience
 - (c) The first medical treatise did not appear in German
 - (d) English is easier than German
57. What was the language in which the first medical treatises appeared?
- (a) English
 - (b) French
 - (c) Greek
 - (d) German
58. In the given context, the author recommends the use of English in medical books because
- (a) English has a universal appeal and it keeps abreast of current developments
 - (b) English has replaced most national languages
 - (c) most medical journals are published in English
 - (d) scientists are using less and less German
59. The author suggests that if a scientist wants to stay abreast of current developments in his/her field, he/she must
- (a) read medical magazines in all languages
 - (b) read medical magazines only in English
 - (c) travel across the globe
 - (d) learn all national languages
60. The most suitable title to this passage is
- (a) English versus German
 - (b) English as a medium of communication
 - (c) Medical science
 - (d) English as the language of medical sciences

Directions (For the 6 items which follow) :

The following six items consist of two statements, Statement I and Statement II. You are to examine these two statements carefully and select the answers to these items using the code given below :

Code :

- (a) Both the statements are individually true and Statement II is the correct explanation of Statement I
- (b) Both the statements are individually true but Statement II is **not** the correct explanation of Statement I
- (c) Statement I is true but Statement II is false
- (d) Statement I is false but Statement II is true

61. Statement I : Division of labour is the separation of a work process into a number of tasks, with each task performed by a separate person or group of persons.

Statement II : Division of labour is a complex web of independent and isolated work.

62. Statement I : Intensive cultivation accelerates land degradation.

Statement II : Second Green Revolution emphasizes on the improvement of the mechanism to stop land degradation.

63. Statement I : Agriculture in Monsoon Asia is characterized by the predominance of food crop cultivation.

Statement II : Farming in Monsoon Asia is mainly meant for subsistence purpose.

64. Statement I : One of the important decisions of the framers of the Constitution of India was to guarantee every adult citizen in India the right to vote.

Statement II : The universal adult franchise is not consistent with the principle of equality.

65. Statement I : Caste involves a system consisting of many castes arranged in a hierarchy of rank and status.

Statement II : The hierarchical ordering of castes is based on the distinction between 'purity' and 'pollution'.

66. Statement I : Seasonal employment results in large-scale migration of the agricultural labourers from agriculturally backward regions to that of the developed regions.

Statement II : In seasonal unemployment, once the seasons are over, the agricultural workers, especially landless labourers and marginal farmers remain unemployed.

67. In which one among the following States is the Dihang-Dibang Biosphere Reserve located?

(a) Uttarakhand

(b) Assam

(c) Orissa

(d) Arunachal Pradesh

(c) Rajasthan—Madhya Pradesh
—Bihar

(d) Gujarat—Madhya Pradesh
—Uttar Pradesh

68. Which one among the following is the correct order of the States through which the river Chambal flows?

(a) Madhya Pradesh
—Uttar Pradesh—Rajasthan

(b) Madhya Pradesh—Gujarat
—Rajasthan

69. Regur soil is ideally suited for the growth of which one among the following crops?

(a) Groundnut

(b) Wheat

(c) Rice

(d) Cotton

70. Which one among the following States produces highest amount of mica?

- (a) Bihar
- (b) Orissā
- (c) Chhattisgarh
- (d) Andhra Pradesh

71. Which one among the following water bodies separates the Andaman Islands from Nicobar Islands?

- (a) 11° Channel
- (b) 10° Channel
- (c) Gulf of Mannar
- (d) Andaman Sea

72. A plant leaf appears to be green because it

- (a) absorbs green light
- (b) reflects all but yellow and blue light
- (c) reflects green light
- (d) absorbs red and yellow light

73. Which one among the following enzymes is unique in the alimentary canal of cattle?

- (a) Cellulase
- (b) Amylase
- (c) Pectinase
- (d) Diselase

74. Cartilage present in body is

- (a) a muscular tissue
- (b) an epithelial tissue
- (c) a connective tissue
- (d) a germinal tissue

75. Which one among the following is an environment-friendly activity?

- (a) Burning of waste polythene and plastics for their disposal
- (b) Use of chemical fertilizers and pesticides to increase crop productivity
- (c) Burning of biomass as fuel
- (d) Use of biogas as fuel

76. Which one among the following glands is present in pairs in human body?

- (a) Adrenal
- (b) Liver
- (c) Pancreas
- (d) Pineal

77. During the process of respiration in human beings, the exchange of gases takes place in

- (a) bronchi
- (b) alveoli
- (c) bronchiole
- (d) pleura

78. The stylistic compositions of Sunga terracottas are typically

- (a) handmade
- (b) single-mould impressed
- (c) double-mould impressed
- (d) wheel-turned.

79. The famous historical book, *Travels in the Mughal Empire* was written by

- (a) Ibn Batuta
- (b) Francois Bernier
- (c) Al-Biruni
- (d) Thomas Roe

80. Consider the following statements about Rabindranath Tagore :

1. He composed a number of patriotic songs during the *Swadeshi* Movement.
2. He returned his Knighthood to condemn the brutal killing of innocent people at Jalianwalla Bagh.
3. He refused to accept the Nobel Prize conferred by the British.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 3 only
- (c) 1 and 2 only
- (d) 1, 2 and 3

81. With which revolution, the Socialist Movement began to develop in India?

- (a) Russian Revolution
- (b) French Revolution
- (c) American War of Independence
- (d) Industrial Revolution

82. Which one among the following was **not** a feature of the provincial executive according to the Government of India Act, 1935?

- (a) The executive authority of the province was vested in the Governor
- (b) There was a Council of Ministers to advise the Governor
- (c) Dyarchy established by the Government of India Act, 1919 was abolished at the provincial level
- (d) The Governor could be removed by a vote of no-confidence of the Provincial Legislature

83. Which of the following statements about caste system in India is/are correct?

1. Caste is determined by birth.
2. Caste groups are exogamous.
3. Caste membership involves rules about food and food-sharing.

Select the correct answer using the code given below :

Code :

- (a) 1, 2 and 3
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1 only

84. *Sanskritization* as a process of cultural change has primarily a contextual significance. In this context, which one among the following statements is correct?

- (a) It is a process of alienation
- (b) It is particularistic in origin and therefore, belongs to the 'little tradition'
- (c) It results in loss of social status
- (d) It is against cultural mobility and social change

85. Which of the following are the characteristics of social change?

1. Social change is universal although the rate of change varies.
2. Social change is both intentional and unplanned.
3. Social change has variable consequences.

Select the correct answer using the code given below :

Code :

- (a) 1, 2 and 3
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1 and 2 only

86. The National Backward Classes Finance and Development Corporation aims to provide credit facilities to beneficiaries whose annual income is

- (a) less than the poverty line for various income generation activities
- (b) more than the poverty line for various income generation activities
- (c) more than double the poverty line for various income generation activities
- (d) less than double the poverty line for various income generation activities

87. Which of the following powers are available to the President of India but **not** to the Governor of a State?

- 1. Power to grant pardon in case of death sentence
- 2. Diplomatic powers
- 3. Power to veto the bills passed by the State Legislature
- 4. Power to declare emergency

Select the correct answer using the code given below :

Code :

- (a) 1 and 4 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) 1, 2 and 4

88. Which of the following statements about Humayun is/are correct?

- 1. He built a new city at Delhi, which he named *Dinpanah*.
- 2. The autobiography of Humayun, *Humayun-nama*, was written by his sister, Gulbadan Begum.

Select the correct answer using the code given below :

Code :

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

89. Who among the following Indian rulers, was the first to change war-technology from matchlocks to flintlocks?

- (a) Siraj-ud-daula
- (b) Hyder Ali
- (c) Ranjit Singh
- (d) Tipu Sultan

90. Annie Besant formed the Home Rule League in India based on the pattern of Home Rule Movement in

- (a) Ireland
- (b) Scotland
- (c) England
- (d) Eastern Europe

91. Which one among the following **did not** happen in the year 1946?

- (a) Announcement of the Cabinet Mission to India
- (b) 'Direct Action' call given by the Muslim League
- (c) Formation of Interim Government
- (d) Lord Mountbatten's appointment as Viceroy of India

92. Which one among the following falsifies the statement, "If the letter comes, the arrangements will be made"?

- (a) The letter does not come, but the arrangements are made
- (b) The letter comes, but the arrangements are not made
- (c) The letter does not come, but the arrangements are not made either
- (d) The arrangements are made

93. Which one among the following, if true, would contradict the statement, "Famous industrialists are all superrich, and the superrich actively engages in philanthropy"?

- (a) V's family owns 85% of the fertilizer industry in the country, but their engagement in social causes is quite low
- (b) The name of 'I group' and the leather industries are practically synonymous; however, their presence and support is evident in the education sector
- (c) P runs a family foundation for the needy in the society, but her boss at the bank does not allow her much time for the foundation work
- (d) 'Famous' and 'Superrich' are relative terms

94. Which one among the following would most strengthen the claim that bats navigate by echolocation?

- (a) If bats are discovered as the unique species with the ability to navigate by echolocation
- (b) If a link with other members of their order of species is found which also possess the trait of echolocation
- (c) Research shows that evolution has made the eyes of the bats more efficient with time
- (d) Observer groups report that the bats live in dark caves and can identify their prey only within a very close range

Directions (For the 2 items which follow) :

The following *two* items have a question each and followed by two statements labelled as Statement I and Statement II. You are to identify the answer using the code given below :

Code :

- (a) Only Statement I is sufficient
- (b) Only Statement II is sufficient
- (c) Both Statement I and Statement II together are sufficient
- (d) Both Statement I and Statement II are not sufficient

95. *Q, R, S and T* are four consecutive calendar years. Is *Q* a leap year?

Statement I : *Q* and *R* do not have same number of days.

Statement II : *Q* and *T* have same number of days.

96. What is the difference between the ages of *Y* and *X*?

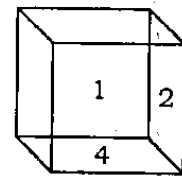
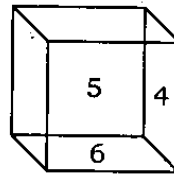
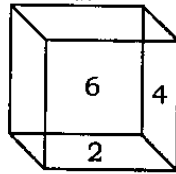
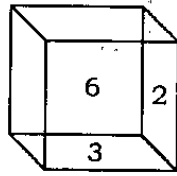
Statement I : The ratio between the ages of *X* and *Y* is 2 : 3.

Statement II : *Y*'s age is 50% more than *X*'s age.

97. *A* is 5 years older than *B*; *B* is thrice as old as *C*. Sum of the ages of *A*, *B* and *C* is 40 years. How old is *A*?

- (a) 10 years
- (b) 12 years
- (c) 15 years
- (d) 20 years

98. Consider the following pictures of a dice :



What is the number opposite to 1?

- (a) 2
- (b) 3
- (c) 5
- (d) 6

99. If 15% of X is added to X and 5% of the result is subtracted from the result, then the value of X

- (a) increases
- (b) decreases
- (c) No change
- (d) depends on X

100. Which one among the following parts of India falls under earthquake zone V?

- (a) Western Ghats
- (b) Indo-Gangetic Basin
- (c) Vindhyan Region
- (d) North-Eastern Region

101. Arrange the following National Parks of India on the basis of their location beginning from North to South :

1. Indravati
2. Bandhavgarh
3. Bandipur
4. Kanha

Select the correct answer using the code given below :

Code :

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

102. Chinkara is considered as the integral part of which one among the following communities?

- (a) Apatanis
- (b) Lepchas
- (c) Bishnois
- (d) Bhutias

103. Following are some components of money supply in India :

1. Currency with the public
2. Aggregate demand deposits with banks
3. Aggregate time deposits with banks
4. 'Other' deposits with the Reserve Bank of India

Which of the aforesaid items are components of narrow money (M_1) in India?

- (a) 1, 2 and 3
- (b) 2 and 4 only
- (c) 1, 2 and 4
- (d) 1 and 4 only

104. Which one among the following statements regarding the measures undertaken by the Government of India to galvanize the institutional credit system for farmers is **not** correct?

- (a) Government is implementing a comprehensive Farm Credit Package
- (b) Government is providing concessional crop loans up to ₹ 7 lakhs to the farmers
- (c) Farm loans up to ₹ 1 lakh have been made collateral free
- (d) Agricultural credit is disbursed only through single-agency network

105. Which of the following factors can decrease biological oxygen demand (BOD) of any freshwater ecosystem?

- (a) Large amount of sewage
- (b) Large biomass accumulation and decomposition
- (c) Increased organic matter pollution
- (d) Low temperature and low plant biomass accumulation

106. Doctors use electrocardiogram (ECG) to

- (a) estimate the volume of blood pumped by the heart per minute
- (b) detect changes in the electrical impulses in the heart during its contraction and relaxation
- (c) determine the changes in the sound pattern during opening and closure of valves
- (d) compare the sound waves resulting from vibration produced by cardiac muscles during pumping of heart

107. Net population size will increase if

- (a) initial population size along with birthrate and immigration rate are more than death rate and emigration rate
- (b) initial population size along with birthrate and immigration rate are less than death rate and emigration rate
- (c) only birthrate and immigration rate are more than death rate and emigration rate
- (d) only birthrate and immigration rate are less than death rate and emigration rate

108. Consider the following statements :

- 1. Red algae appear black since they do not absorb light of any wavelength.
- 2. Yeast is commonly used for fermentation prior to baking.

3. Olive oil is extracted from seeds of olive plants.

4. Commercially used saffron represents dried stigmas from flowers.

Which of the statements given above are correct?

- (a) 1, 2 and 3
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 2 and 4

109. Which of the following statements about democracy are correct?

- 1. Democracy is a government of the people, for the people and by the people.
- 2. Democracy is a rule of majority.
- 3. Democracy provides an opportunity to the people to voice their grievances in a peaceful manner.
- 4. Democracy always leads to disintegration of the society.

Select the correct answer using the code given below :

Code :

- (a) 1, 2, 3 and 4
- (b) 2, 3 and 4 only
- (c) 1 and 4 only
- (d) 1, 2 and 3 only

110. Consider the following statements :

1. The Lucknow Pact of 1916 promoted the spirit of unity between the Indian National Congress and the All India Muslim League.
2. Tilak was opposed to the signing of the Lucknow Pact.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

111. Who among the following was **not** given capital punishment in the Lahore Conspiracy Case?

- (a) Ajit Singh
- (b) Raj Guru
- (c) Sukhdev
- (d) Bhagat Singh

112. Consider the following statements relating to the *Khilafat* Movement :

1. The Khilafat agitation was launched in 1920 on the question of the future of Turkey which was a defeated power in the First World War.
2. The educated Indian Muslims were taking serious interest in the affairs of Turkey.
3. During the Amritsar Congress (1919), it was decided between the leaders of the Congress and the Khilafat Committee that the Khilafat agitation would be continued under Mahatma Gandhi's leadership.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) 1, 2, and 3
- (d) 1 and 2 only

113. Who among the following sports persons were commissioned as Honorary Lieutenant Colonel in the Territorial Army in November 2011 for their outstanding contribution in the field of sports and to their commitment to the Army?

1. Rahul Dravid
2. M. S. Dhoni
3. Abhinav Bindra
4. Sushil Kumar

Select the correct answer using the code given below :

Code :

- (a) 1, 2, 3 and 4
- (b) 1, 2 and 3 only
- (c) 2 and 3 only
- (d) 1 and 4 only

114. Which one among the following is the first UN agency to accept Palestine as its full member in October 2011?

- (a) UNESCO
- (b) WTO
- (c) WHO
- (d) IMF

115. *M* is taller than *S*, who is shorter than *R*. *Vp* is taller than *Ak*. *Ah* is shorter than *Vk*. Neither *Vp* nor *Vk* is tallest. If *R* is standing second in decreasing order of height, who will stand in the middle in the group of these seven persons?
- (a) *Vp*
(b) *Vp* or *Vk*
(c) *Ah*
(d) Cannot be determined

116. Consider the following statements about India's Five-Year Plan :

1. Prior to the Fourth Five-Year Plan, the allocation of State resources was based on schematic pattern.
2. Lack of transparent and objective mechanism in allocation of State resources led to the adoption of the Gadgil formula in 1969.

Which of the statements given above is/are correct?

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
117. The benefits under the *Rashtriya Swasthya Bima Yojana* include which of the following?
1. Hospitalization expenses, taking care of the most common illnesses excluding maternity benefits
 2. Health insurance cover of ₹ 30,000 per family per annum on a family floater basis
 3. Cashless attendance to all covered ailments

Select the correct answer using the code given below :

Code :

- (a) 1, 2 and 3
(b) 1 and 3 only
(c) 2 and 3 only
(d) 1 and 2 only

118. *M* ranked sixteenth from the top and twenty-ninth from the bottom among those who passed an examination. Six students did not participate in the examination and five failed. The number of students in the class was

- (a) 40
(b) 44
(c) 50
(d) 55

119. Five friends *A*, *B*, *C*, *D* and *E* are standing in a row facing South but not necessarily in the same order. Only *B* is between *A* and *E*, *C* is immediate right to *E*, and *D* is immediate left to *A*. On the basis of this, which one among the following statements is definitely true?

- (a) *B* is to the right of *E*
(b) *A* is second to the left of *C*
(c) *D* is third to the left of *E*
(d) *B* is to the left of *A*

120. A clock is so placed that at 12 noon, its minute hand points towards North-East. In which direction does its hour hand point at 1:30 PM?

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

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