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

T.B.C. : P-FPEN-L-TNG

Test Booklet Series

Serial No. 150209



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), 60 in PART—A and 60 in PART—B. 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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2. He studied in Australia since two years and got his doctorate degree. No error
 (a) (b) (c) (d)
3. My father does not mind to be disturbed
 (a) (b)
while he is reading the newspaper. No error
 (c) (d)
4. When the company offered him a purse on his retirement he refused
 (a) (b)
to agree it. No error
 (c) (d)
5. The ship sank before the rescue party arrived. No error
 (a) (b) (c) (d)
6. When the teacher read my first novel, he tells a friend that in due course
 (a) (b)
I should be one of the best writers in the class. No error
 (c) (d)
7. Perhaps you do not know I am having a car and a jeep
 (a) (b)
besides a big house in a good locality. No error
 (c) (d)
8. The fashion of decorating hats with feathers declined because too many birds
 (a) (b)
were slaughtered for their feathers. No error
 (c) (d)
9. He stepped on the green grass unmindful of the warning. No error
 (a) (b) (c) (d)
10. She was an only child and indulged at every whim by her loving father. No error
 (a) (b) (c) (d)

Directions (For the **ten** items which follow) :

In each of the following items, supply the appropriate phrasal verb in the blank to make the meaning clear.

11. Our minds are — false ideas.
(a) clogged in
(b) clogged about
(c) clogged with
(d) clogged for
12. She was — from the meeting to take an urgent phone call.
(a) called away
(b) called for
(c) called out
(d) called up
13. I have no idea as to what — the change in his attitude.
(a) brought out
(b) brought in
(c) brought about
(d) brought for
14. Mobile phones with serious faults have been — by the manufacturers.
(a) called out
(b) called for
(c) called in
(d) called up
15. The story is — a group of high school dropouts.
(a) built around
(b) built with
(c) built in
(d) built of
16. I think I have no — what she does.
(a) control for
(b) control with
(c) control on
(d) control over
17. I am — hypocrisy more than anything else.
(a) averse with
(b) averse to
(c) averse in
(d) averse on
18. He always — you in his letters.
(a) asks around
(b) asks of
(c) asks about
(d) asks to
19. You cannot give any decision since you are not — all the facts of the case.
(a) acquainted with
(b) acquainted to
(c) acquainted by
(d) acquainted for
20. His health — under the pressure of work.
(a) broke off
(b) broke down
(c) broke up
(d) broke in

Directions (For the **ten** 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.

21. His LUCID and melodious prose makes the subject come alive in our imagination.

(a) Fluent

(b) Clear

(c) Musical

(d) Familiar

23. He was PERPLEXED by the failure of his scheme, for he had planned it leaving nothing to chance.

(a) Annoyed

(b) Disappointed

(c) Puzzled

(d) Ruined

22. The army RAVAGED a part of the neighbouring country.

(a) Destroyed

(b) Spoiled

(c) Conquered

(d) Robbed

24. His ANONYMITY has become a blessing in disguise.

(a) Reputation

(b) Publicity

(c) Being unknown

(d) Wrong address

25. We were shocked by the APPALLING conditions prevailing in big cities.

- (a) Disturbing
- (b) Filthy
- (c) Horrifying
- (d) Poverty-stricken

26. It was difficult to understand the CAPTION of the picture.

- (a) Joke
- (b) Definition
- (c) Meaning
- (d) Title

27. The heavy waves BATTERED the wrecked ship.

- (a) Destroyed
- (b) Dashed on
- (c) Struck hard
- (d) Struck off

28. He is an EXTRAVAGANT person.

- (a) Hardworking
- (b) Good
- (c) Extraordinary
- (d) Spendthrift

29. The growing use of computers in teaching might one day make teachers REDUNDANT.

- (a) Unnecessary
- (b) Uninterested
- (c) Introspective
- (d) Knowledgeable

30. His work was HINDERED by constant interruptions from visitors.

- (a) Damaged
- (b) Disturbed
- (c) Obstructed
- (d) Protested

Directions (For the **ten** items which follow) :

Each of the following items consists of a phrase in the stem of the item followed by four options (a), (b), (c) and (d). You have to identify from the given options as to which one of them correctly describes the phrase.

31. To surround a place with the intention of capturing it
(a) Bivouac
(b) Besiege
(c) Invade
(d) Intern
32. To send back a person from one's country
(a) Repatriate
(b) Expatriate
(c) Migrate
(d) Emigrate
33. One who is opposed to intellectual progress
(a) Impostor
(b) Chaperon
(c) Prospector
(d) Obscurant
34. A woman with dark brown hair
(a) Blonde
(b) Brunette
(c) Termagant
(d) Coiffeur
35. One who has special skill in judging art, music, tastes, etc.
(a) Connoisseur
(b) Raconteur
(c) Sybarite
(d) Amateur
36. One who devotes his life to the welfare and the interests of other people
(a) Minion
(b) Martyr
(c) Altruist
(d) Fugitive
37. A place where animals are kept alive, and nearly as possible as in their natural state
(a) Vivarium
(b) Orchard
(c) Paddock
(d) Glyptotheca
38. Speech delivered without preparation
(a) Extempore
(b) Flexion
(c) Extensive
(d) Loquacious
39. One who hates mankind
(a) Misanthropist
(b) Misnomer
(c) Misogynist
(d) Philanthropist
40. The period between two reigns
(a) Interregnum
(b) Interval
(c) Interdict
(d) Intercept

Directions (For the **ten** 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

Which one of the following is the correct sequence?

- (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. She was born at 10 a.m. in India in the year 1978 on 18th August
P Q R S

Which one of the following is the correct sequence?

- (a) PQRS
- (b) QPSR
- (c) RSQP
- (d) SRPQ

42. The highwayman behind the treetops when the sun disappeared
P Q
rode to the cottage where his beloved lived
R S

Which one of the following is the correct sequence?

- (a) PQRS
- (b) SPRQ
- (c) QRSP
- (d) RSQP

43. She danced at the town hall last night beautifully in the concert
P Q R S

Which one of the following is the correct sequence?

- (a) PQRS
- (b) RSPQ
- (c) QSPR
- (d) RQPS

44. My father shuts out the world who by closing his eyes is a loner
P Q R S

Which one of the following is the correct sequence?

- (a) PQRS
- (b) SQPR
- (c) SPQR
- (d) QSPR

45. because he detested the food available locally the refugee
P Q
walking along the deserted streets of the town thought of the delicacies of his country
R S

Which one of the following is the correct sequence?

- (a) RQSP
- (b) PQRS
- (c) RPQS
- (d) QPRS

46. I believe that Tendulkar's century will always remember
P Q
cricket lovers on Tuesday
R S

Which one of the following is the correct sequence?

- (a) SRQP
- (b) RQPS
- (c) PSRQ
- (d) PRQS

47. it is better to go back to the people for a mandate if these kinds of accusations go on
P Q
and if the government wants to do something good
R
even though people do not want another election
S

Which one of the following is the correct sequence?

- (a) SPQR
- (b) QSRP
- (c) QRPS
- (d) RPQS

48. The newspaper reported that can never reproduce such a wonder the rain forest

P

Q

is nature's way of telling us that man for all his ability to create

R

S

Which one of the following is the correct sequence?

- (a) QRSP
- (b) QRPS
- (c) SQPR
- (d) QPRS

49. the judge declared that those people will be jailed

P

Q

R

who cannot remain silent in the court

S

Which one of the following is the correct sequence?

- (a) PQSR
- (b) QPSR
- (c) SPQR
- (d) QRPS

50. The first priority before us is irrespective of their backgrounds that people

P

Q

learn to get on with one another as fellow human beings

R

understand each other and force bonds of friendship

S

Which one of the following is the correct sequence?

- (a) QSPR
- (b) QRPS
- (c) QPRS
- (d) RPQS

Directions (For the **ten** items which follow) :

In this section, you have three 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

The life cycle of a butterfly is very dramatic and action-packed, because so much happens in so short a time. The most interesting is the caterpillar stage. They are very vulnerable to attacks and use camouflage to protect themselves. Generally their colours help them blend with the surroundings. Also, their bodies have thin lines much like the veins of a leaf. Some caterpillars use the leaf to make themselves invisible. Some of them are even beautiful, especially the ones that are grass-yellow. This shade of green is fabulous but strangely the adult is not so beautiful.

Butterflies have many enemies but most stay away from them because they are very bitter to the taste ! This saves them from many aggressors. The swallowtail caterpillar emits a strong odour to keep its enemies at bay. Some caterpillars simply drop to the ground and climb back up the tree only after the enemy has gone.

51. The life cycle of butterfly is said to be dramatic because

- (a) several actions take place at the same time
- (b) the changes in its life cycle take place fast
- (c) they exhibit different colours and are beautiful
- (d) they know the art of camouflage

Select the correct answer using the code given below :

Code :

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

52. Which of the following methods are **not** used by caterpillar to save itself from the enemies?

1. Making their appearance akin to the leaves
2. Changing the shape of their bodies very fast
3. Giving off smells that repulse the enemies

53. The expression 'very vulnerable to attacks' in the passage means

- (a) prone to attack others
- (b) prone to being overcome by enemies
- (c) they provoke others to attack
- (d) they are immune to attacks from others

PASSAGE—II

I went into a restaurant, which was already crowded, and ordered my meal. While I was waiting for the soup to arrive, I looked around to see if I knew anyone in the restaurant. It was then I noticed a man sitting at a corner table near the door kept glancing in my direction, as he knew me. I certainly did not know him, for I never forget a face. The man had a newspaper open in front of him, which he was pretending to read, though all the while I could see that he was keeping an eye on me. When the waiter brought my soup, the man was clearly puzzled by the familiar way in which the waiter and I addressed each other. He became even more puzzled as time went on and it grew more and more obvious that I was well-known in the restaurant. Eventually he got up and went into the kitchen. After a few minutes he came out again, paid his bill and left without another glance in my direction.

54. The narrator observed somebody watching him

- (a) immediately after entering the restaurant
- (b) some time after he settled down in his seat
- (c) while he was eating his meal
- (d) when the waiter drew his attention to him

55. The narrator puzzled the man who was watching him because

- (a) he was sitting idle without eating
- (b) he came to an overcrowded restaurant
- (c) he sat without talking to anyone
- (d) he appeared to be well-known in the restaurant

56. The man watching the narrator gives us an impression that

- (a) he wanted to make friends with the narrator
- (b) he intended to observe without being noticed
- (c) he wanted to wait until the narrator finished his meal
- (d) he was an idler

57. The narrator went into an overcrowded restaurant because

- (a) he loved crowds
- (b) that restaurant was nearest to his office
- (c) the food there is delicious
- (d) he is in the habit of going there regularly

PASSAGE—III

From the first, two facts were obvious : the lady had been quite willing to undergo the wedding ceremony, and she had repented of it within a few minutes of returning home. Obviously something had occurred during the morning, then, to cause her to change her mind. What could that something be? She could not have spoken to anyone when she was out, for she had been in the company of bridegrooms. Had she seen someone, then? If she had, it must be someone from America, because she had spent so short a time in this country that she could hardly have allowed anyone to acquire so deep an influence over her that mere sight of him would induce her to change her plans so completely. So she might have seen an American.

58. The writer sees clearly that the bride

(a) wanted at one and the same time to marry and remain unmarried

(b) agreed to marry on certain conditions

(c) willingly married and then wanted the marriage undone

(d) was unsure what she wanted to do

(c) grew impatient

(d) fell sick

60. The bride was apparently from America because

(a) her accent was American

(b) she had a casual manner

(c) most of the guests were from America

(d) it was only there she had time enough to develop a strong relationship

59. Soon after the marriage, the bride

(a) became angry

(b) experienced something quite unexpected

PART—B

61. 'Golden rice', developed through transgenic approach, is enriched with high
- (a) vitamin A content
 - (b) protein content
 - (c) amino acid content
 - (d) glutenin content
62. It is assumed that plant's life originated earlier than animal life because
- (a) plant cells have an additional protective layer outside the plasma membrane
 - (b) plants synthesize their food
 - (c) plant cells are usually larger than animal cells
 - (d) None of the above
63. Which one among the following statements regarding prohibition of *Sati* in India is correct?
- (a) Raja Rammohan Roy wanted an expeditious and urgent abolition of *Sati* and therefore advised Bentinck to take emergency legislative measures
 - (b) The *Sati* was made illegal in 1829 but was not made punishable by the courts until 1840
 - (c) The persons associated in any way with *Sati* were to be regarded as criminals
 - (d) At the time of his appointment as Governor-General, Bentinck was instructed by the Home Authorities to consider definite measures for the immediate or gradual abolition of *Sati*
64. Consider the following statements about the Non-Cooperation Movement :
1. Gandhiji's appeal for Non-Cooperation Movement had attracted both the moderate and the extremist rank and file, for he had cleverly combined the goal of the former, Swaraj within the empire, with the means of the later, non-cooperation.
 2. C. R. Das decided to enter the Legislative Council not to help the British but to embarrass them. It was to be a form of non-cooperation from within.
- 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

65. Which one of the following statements about the structure of the Congress under the New Constitution adopted at its Nagpur Session is **not** correct?

- (a) The working committee was to comprise of 15 members
- (b) The membership fee was completely abolished to broaden the reach of the organization
- (c) The provincial committees were reorganized on a linguistic basis, one for each region
- (d) The organization was to be strengthened by the formation of village and *mohalla* or ward committees

66. A green manure is the manure for increasing fertility of soil and is

- (a) decomposed remnant of organic plant material
- (b) plant material used as bedding for animals
- (c) nitrogen-fixing biomass of bacteria
- (d) crop grown for the purpose of plowing them in

67. In the field of agriculture, cloning implies

- (a) transfer of genes from one species to the other
- (b) genetic transformation
- (c) production of a plant with the union of sex cells *in vitro*
- (d) production of genetically identical plants

68. Three Indian performing-art forms have been included in the UNESCO's intangible heritage list in the year 2010. Which one of the following is **not** in this group of three?

- (a) The Mudi yettu of Kerala
- (b) The Bamboo Dance of Mizoram
- (c) The Chhau Dance of East India
- (d) The Kalbelia of Rajasthan

69. Which one among the following regional trading blocks is India's largest trading partner?

- (a) Association of South-East Asian Nations
- (b) European Union
- (c) Asia-Pacific Economic Cooperation
- (d) North America Free Trade Area

70. Which one among the following is the cause of the tectonic earthquake?

- (a) Volcanic eruption
- (b) Lava intrusion
- (c) Faulting
- (d) Collapse of subsurface caves

71. Which one among the following is a correct attribute of 'bio-insecticide'?

- (a) Specific to only target pest and biodegradable
- (b) Persistent in the environment
- (c) Non-biodegradable
- (d) Non-toxic and non-degradable

72. Consider the following data obtained after estimating the energy (heat) produced by the combustion of three different kinds of food materials in the presence of oxygen :

| Food substance oxidized | Heat generated (kilocalorie) |
|-------------------------|------------------------------|
| X | 4.0 |
| Y | 9.4 |
| Z | 5.6 |

Which one among the following statements is correct?

- (a) X is predominantly protein
- (b) Y is predominantly carbohydrate
- (c) Y is predominantly fat
- (d) Z is predominantly fat

73. Which one among the following statements regarding mules is correct?

- (a) Mule is a hybrid of female donkey and male horse
- (b) Mules produce more young ones compared to horses and donkeys
- (c) Mule is sturdier than horse and larger than donkey
- (d) From the evolutionary point of view, mules are ancestral to donkeys

74. Consider the following statements :

1. The Multidimensional Poverty Index (MPI, introduced in 2010) indicates the share of the population that is multi-dimensionally poor adjusted by the intensity of deprivation in terms of living standards, health and education.
2. According to this parameter, India is favourably placed when compared with a country like China.

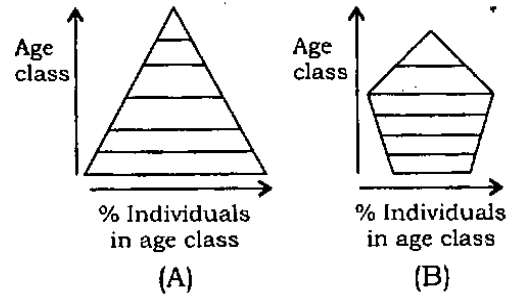
Which of the statements given above is/are correct?

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

75. Excessive consumption of vitamin A can lead to physiological disorder but intake of vitamin C in large doses does **not** lead to any health hazards because

- (a) vitamin A has antioxidant activity while vitamin C is an oxidant
- (b) vitamin A is water-soluble and can lead to toxicity during metabolism
- (c) vitamin A is highly reactive substance while vitamin C does not participate in metabolic reaction
- (d) unlike vitamin A, vitamin C is water-soluble and extra doses of vitamin C pass out in urine and faeces

76.



Consider the two age pyramids given above and identify the **incorrect** statement from the following.

- (a) 'A' represents an expanding population with decreasing proportion of individuals of older classes
- (b) 'B' represents an expanded population with lower percentage of young to old individuals
- (c) 'B' represents an unstable declining population
- (d) 'A' represents an expanding population with less percentage of young individuals

77. Which one among the following indicates a healthy feature of a camel?

- (a) Thick footpads
- (b) High hump
- (c) Long eyelash
- (d) Presence of long nostril

78. In animal breeding, which one among the following benefits **cannot** be derived through artificial insemination?

- (a) Control of spread of disease
- (b) Overcoming sterility problem
- (c) Decreasing incidences of genetic defects
- (d) Decrease in the gestation period

79. Consider the following and identify the part of the Constitution of India referred to in it :

The State shall endeavour to promote international peace and security, maintain just and honourable relations between nations ...

- (a) Fundamental Rights
- (b) Relations between the Union and the States
- (c) Elections
- (d) Directive Principles of State Policy

80. The Intertropical Convergence Zone normally occurs near the

- (a) Equator
- (b) Tropic of Cancer
- (c) Tropic of Capricorn
- (d) Arctic Circle

81. The normal lapse rate of temperature per kilometre above mean sea level is

- (a) 6.5 °C
- (b) 4.6 °C
- (c) 8 °C
- (d) 10 °C

82. Coriolis force is maximum

- (a) at the Equator
- (b) at the Poles
- (c) neither at the Poles nor at the Equator
- (d) at oceans

83. Which among the following minerals is contained in the monazite sand?

- (a) Oil
- (b) Uranium
- (c) Thorium
- (d) Coal

84. Which one among the following currents is associated with the Pacific Ocean?

- (a) Kuroshio current
- (b) Labrador current
- (c) Agulhas current
- (d) Brazilian current

85. The tropical cyclone does **not** occur close to the Equator because of

- (a) weak Coriolis force.
- (b) light and variable winds
- (c) excessive humidity
- (d) convective activity

86. Consider the following statements about Alzheimer's disease :

1. It is a slowly progressive disease of the brain that is characterized by impairment of memory.
2. It results from accumulation of a specific steroid in the brain.

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

87. Which one among the following organisms has the prokaryotic type of cell structure?

- (a) Mosquito
- (b) Drosophila
- (c) Blue-green alga
- (d) Mustard plant

88. To minimize the toxicity in food, which of the following preventive measures should be taken?

1. Discard the use of chemical fertilizer in crops
2. Use organic manures in crops
3. Use biopesticides in crops

Select the correct answer using the code given below :

Code :

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

89. Soil is a complex mixture which is formed by weathering of rocks and contains variable proportion of silt, clay, sand, humus, microbe, etc. The order of the three main components of soil (silt, sand, clay) as per their particle size is

(a) silt > sand > clay

(b) sand > silt > clay

(c) clay > sand > silt

(d) clay > silt > sand

90. Which one among the following proteins is absorbed at the highest rate by human body?

(a) Soybean protein

(b) Cereal protein

(c) Milk protein

(d) Egg protein

91. In India, property tax is levied by

(a) Central Government

(b) State Governments

(c) Local Government

(d) both Central Government and State Governments

92. The contribution of the service sector to the GDP of India falls in the range of

(a) 20–30 percent

(b) 30–40 percent

(c) 40–50 percent

(d) 50–60 percent

93. Income tax in India is

(a) progressive

(b) regressive

(c) proportional

(d) based on benefit principle

94. When sitting in a room which has metallic mesh on all sides, the mobile phone signal is weak due to

- (a) optical shielding
- (b) magnetic shielding
- (c) electronic shielding
- (d) electromagnetic shielding

95. Bank ATM cards contain information in

- (a) semiconductors
- (b) metals
- (c) plastic materials
- (d) magnetic materials

96. Which of the following can be performed by using the instrument 'divider'?

1. Drawing circles
2. Laying out perpendicular lines
3. Bisecting lines
4. Drawing triangles

Select the correct answer using the code given below :

Code :

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

97. Examine the following statements and conclusion, and then choose the correct answer using the code given below :

Statement I : A triangle has three angles.

Statement II : A square has four angles.

Conclusion : A polygon has many angles.

Code :

- (a) The conclusion drawn is definitely true
- (b) The conclusion drawn is definitely false
- (c) The conclusion drawn is either probably true or probably false
- (d) The conclusion drawn is irrelevant

98. Examine the following statements and conclusion, and then choose the correct answer using the code given below :

Statement I : Drugs obtained from herbs are very useful in curing diseases.

Statement II : Some herbs are used by beauticians.

Conclusion : Patients who take herbal drugs become beautiful.

Code :

- (a) The conclusion follows from the given statements
- (b) The conclusion does not follow from the given statements
- (c) The conclusion is probably true
- (d) The conclusion is either probably true or probably false

99. Which one among the following statements about the Eleventh Five-Year Plan is **not** correct?

- (a) It provides a major expansion in the programme of irrigation and water management
- (b) It sets a target of 9 percent growth in the five-year period with acceleration to reach 10 percent by the end of the Plan
- (c) It provides a comprehensive strategy for inclusive development
- (d) It emphasizes need for nuclear energy development to be supplemented by hydroelectric projects

100. Which of the following statements about Panchayati Raj is/are correct?

1. It is constitutionally mandated to hold regular elections to rural local government bodies.
2. The State Governments need not share any revenue with rural local government bodies as they are directly funded by the Central Government.

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

101. Consider the following statements about the provincial legislature elections granted in the Government of India Act, 1935 :

1. The Congress was sharply divided about accepting offices in the case of winning elections to provincial legislatures.
2. There was, however, full agreement that the elections should be fought on the basis of a detailed political and economic programme.

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

102. Examine the following statements and conclusions :

Statement I : All men are married.

Statement II : Some men are educated.

Conclusion I : Some married are educated.

Conclusion II : Some educated are married.

Which of the following is correct?

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either conclusion I or conclusion II follows
- (d) Both conclusion I and conclusion II follow

103. The rock-cut architecture of the Ellora caves is represented by

- (a) two conventional types—the *chaitya hall* and the *vihara*
- (b) square sanctuaries fronted by small porticos
- (c) a pyramidal roof with outside walls decorated with terra-cotta panels
- (d) large multichamber structures

104. The most important legacy of the Indo-Greeks was the Gandhara School of Art. This School embodied

- (a) a synthesis of Greek, Roman and Indian features that are reflected in the image of Buddha
- (b) indigenous tradition of Indian art
- (c) a synthesis of Greek and Indian features
- (d) a synthesis of Roman and Indian style and techniques

105. The Mauryan stone pillars and capitals were artistic statements of the royal court to

- (a) draw the attention to the message engraved on the pillars
- (b) add magnificence to the Mauryan court
- (c) show an improvement in the standard of living compared to the previous period
- (d) inscribe the Mauryan symbols in order to ascertain a chronological sequence

106. Who among the following was the author of famous Allahabad Pillar Inscription relating to Samudragupta?

- (a) Harishena
- (b) Achyuta
- (c) Simhavarman
- (d) Nagasena

107. *Milindapanha*

- (a) contains the numerous illustrations from Jain legends
- (b) deals with the code of conduct for Jain monks and nuns
- (c) contains the fundamentals of Buddha's teachings
- (d) records the dialogue between the Indo-Greek ruler, Menander and the monk, Nagasena

108. Which of the following is/are the source(s) for the study of Sunga history?

- (a) *Gargi-samhita* and *Mahabhasya* of Patanjali
- (b) Kalidasa's *Malavikagnimitra* and Bana's *Harshacharita*
- (c) None of the above
- (d) Both (a) and (b)

109. The winter rains over North-West India are caused by

- (a) the North-East monsoon
- (b) the Western disturbances
- (c) the formation of local thunder-clouds
- (d) None of the above

110. Consider the following statements regarding social change :

1. Diffusion is an important mechanism of social change.
2. While cultural diffusion quickly changes the non-material aspects of people in society, the material aspects are slow to change.

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. Match List-I with List-II and select the correct answer using the code given below the Lists :

| <i>List-I</i> (Soil) | <i>List-II</i> (Characteristic) |
|-------------------------|---|
| A. Tarai | 1. Consists mainly of gravels and is porous |
| B. Khadar | 2. Consists of ill-drained marshy lands |
| C. Bhalar | 3. Consists of older alluvial terraces |
| D. Bhangar | 4. Consists of newer alluvium forming the floodplains |

Code :

- (a) A B C D
2 1 4 3
- (b) A B C D
2 4 1 3
- (c) A B C D
3 4 1 2
- (d) A B C D
3 1 4 2

112. The Palghat Gap allows inland communications from

- (a) Madurai to Thiruvananthapuram
- (b) Chennai to Kochi
- (c) Pune to Mumbai
- (d) Bengaluru to Mangalore

113. The details regarding the electoral system of India were

- (a) laid down in the Constitution of India
- (b) provided by the Parliament of India through a number of laws
- (c) provided by the Election Commission and approved by the President of India in the year 1950
- (d) prescribed through a Presidential Ordinance in the year 1950

114. Consider the following statements about independent India's first general election held in the year 1951-52 :

1. The symbols assigned to each political party and independent candidates were painted on individual ballot boxes.
2. Universal adult franchise was made the basis of elections.
3. The polling booths were so created that there was one polling booth for almost every 1000 voters.

Which of the statements given above is/are correct?

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

115. Which one among the following legal declarations is **not** required to be made by the candidates while contesting parliamentary or legislative assembly elections in India?

- (a) Serious criminal cases pending against the candidate
- (b) Details of the assets and liabilities of the candidate and his or her family
- (c) Educational qualifications of the candidate
- (d) Detailed resume with his or her record of work experience

116. The theory of scientific socialism is largely based on the teachings of

- (a) Karl Marx
- (b) Lenin
- (c) Stalin
- (d) Mao Tse-tung

117. Consider the following statements about Gandhian movements in India :

1. Gandhiji was in favour of mass movements.
2. Gandhian movements were non-violent in character.
3. In Gandhian movements, the leaders had no role to play.

Which of the statements given above is/are correct?

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

118. This item consists of two statements, statement I and statement II. You are to examine these two statements carefully and select the answer using the code given below :

Statement I : The broad historical processes of social change are the sum total of individual and collective actions.

Statement II : The collective action in a social change should be sustained and have some degree of organization to be effective.

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 and 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

119. Which of the following are instances of social problems in the Indian context?

1. Caste distinctions
2. Rigid hierarchy
3. Racial discrimination
4. Radio-tagging

Select the correct answer using the code given below :

Code :

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

120. Which of the following statements with regard to labour welfare is/are correct?

1. Trade unions in India are more active in the unorganized sector.
2. Children of 10 years and above are allowed to work in factories.
3. The labour welfare laws deal with mainly regulation of work and social security at and outside the workplace.

Select the correct answer using the code given below :

Code :

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

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