PREVIOUS YEAR PAPER

DSSSB PGT Home Science (Female) 2021 — 30 July 2021, Shift 2

DSSSB PGT · 30 July 2021 · Shift 2

266 of the paper's 300 questions · +1 for a correct answer, −0.25 for a wrong one · 180 minutes

Left out of the original paper: 34 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

Questions from the Delhi Subordinate Services Selection Board's paper of 30 July 2021, Shift 2. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/dsssb-pgt/previous-year-papers/dsssb-pgt-2021-home-science-female-30-jul-shift-2/

Mental Ability

1. Find the missing term in the following letter series.
CEG, IKM, _____, UWY

(a) NOP
(b) OQS
(c) PQR
(d) PRT

Answer: (b)

2. Arrange the given words in the sequence in which they occur in the dictionary.
1. KOLKATA
2. KOLAR
3. KOLAGHAT
4. KATHMANDU
5. KOLHAPUR

(a) 41235
(b) 43251
(c) 43125
(d) 45231

Answer: (b)

3. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) China : Yuan
(b) Indian : Rupee
(c) Malaysia : Ringgit
(d) Japan : Euro

Answer: (d)

4. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) GJM
(b) KNQ
(c) UXZ
(d) PSV

Answer: (c)

5. Select the option that is related to the third term on the same basis as the second term is related to the first term.
DTG : AQD :: SIY : ?

(a) MHE
(b) RLZ
(c) JQW
(d) PFV

Answer: (d)

6. Select the pair that is related on the same basis to the pair given in the question.
ELTX : YUMF :: ?

(a) PGIC : DJHQ
(b) RUZZ : AATS
(c) LMML : MLLM
(d) ACEG : BDFH

Answer: (a)

7. In a certain code language if FILE is coded as [illegible]EP is coded as 15, then what will CROP be coded as?

(a) 13
(b) 14
(c) 15
(d) 16

Answer: (a)

8. In a certain code language, if speaker is called charger, charger is called pen drive, pen drive is called clock, clock is called painting, and painting is called mat, then what is used to determine time?

(a) Pen drive
(b) Painting
(c) Charger
(d) Mat

Answer: (b)

9. Pointing to a lady, Akash said, "She is the daughter of my father's daughter's only brother's wife." How is the lady related to Akash?

(a) Wife

(b) Daughter

(c) Mother

(d) Sister

Answer: (b)

10. In a class of 100 students, Nandan is 70th from the top and Arohi is 40th from the bottom. The number of students sitting between Nandan and Arohi is?

(a) 9

(b) 10

(c) 8

(d) 7

Answer: (c)

11. In this question, a statement has been given, followed by two arguments numbered I and II.
You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.
Statement: Should education be made free of cost in our country?
Arguments:
1. No. It's not the government's concern to educate everyone.
2. Yes. This step might help to eradicate illiteracy.

(a) Only I is strong

(b) Only II is strong

(c) Both I and II are strong.

(d) Neither I nor II is strong.

Answer: (b)

12. In this question, a statement has been given, followed by two assumptions numbered I and II. Analyse the two assumptions together and decide which of the assumptions is implicit in the statement.
Statement: Dipesh has left for Kolkata on Sunday by train to attend his sister's marriage in a resort in Kolkata on coming Thursday.
Assumptions:
I. Dipesh will reach Kolkata on Tuesday.
II. Dipesh may reach Kolkata on or before Thursday.

(a) Only I is implicit

(b) Only II is implicit

(c) Both I and II are implicit

(d) None is implicit

Answer: (b)

13. Find the missing term in the following number series.
_____, 98, 133, 168, 203

(a) 77
(b) 58
(c) 63
(d) 69

Answer: (c)

14. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) 5
(b) 8
(c) 22
(d) 45

Answer: (a)

General Awareness

21. Raja Parba is a _____ day long festival of womanhood celebrated in Odisha.

(a) seven
(b) five
(c) three
(d) four

Answer: (c)

22. The Jantar Mantar of Jaipur is a collection _____ astronomical instruments built by the Rajput king Sawai Jai Singh II.

(a) 17
(b) 10
(c) 12
(d) 19

Answer: (d)

23. As announced in the Budget 2021, _____ has been notified as a regulator for gold exchange.

(a) Reserve Bank of India
(b) State Bank of India
(c) Securities and Exchange Board of India
(d) Small Industries Development Bank of India

Answer: (c)

24. What is the Statutory Liquidity Ratio as of 20 May 2021 as per Reserve Bank of India's Monetary policy?

(a) 18%
(b) 12%
(c) 6%
(d) 4%

Answer: (a)

25. Anamudi Shola National Park is located in which of the following states?

(a) Kerala
(b) Karnataka
(c) Tamil Nadu
(d) Maharashtra

Answer: (a)

26. The common name of Glycine max is _____.

(a) chickpea
(b) groundnut
(c) pea
(d) soyabean

Answer: (d)

27. Two statements are given below. Which of the fo ing statement(s) is/are true?
1. A block mountain is also called as Horst.
2. The Satpura mountain range is an exam of R Mountains in India.

(a) Only 1
(b) Only 2
(c) Both 1&2
(d) Neither 1 nor 2

Answer: (c)

28. Which among the following pairs is incorrect?

(a) Ganga - East flowing river
(b) Mahi - West flowing river
(c) Krishna - West flowing river
(d) Mahanadi - East flowing river

Answer: (c)

29. Who among the following built Badshahi Masjid in Lahore?

(a) Aurangzeb
(b) Humayun
(c) Jahangir
(d) Akbar

Answer: (a)

30. Babur defeated Ibrahim Lodi in the first battle of Panipat in _____.

(a) 1520
(b) 1526
(c) 1532
(d) 1541

Answer: (b)

31. The Chittagong Armoury Raid was led by which of the following freedom fighters?

(a) Chittaranjan Das
(b) Khudiram Bose
(c) Rash Behari Bose
(d) Surya Sen

Answer: (d)

32. The real name of Baba Ramdev is _____.

(a) Ajay Singh Bisht
(b) Ram Kishan Yadav
(c) Raghupati Sahay
(d) Jaswant Rai Sharma

Answer: (b)

33. Who among the following was honoured with the ernational Federation of Film Archives (FIAF) Award 2021?

(a) Amitabh Bachchan
(b) Rishi Kapoor
(c) Anupam Kher
(d) Irrfan Khan

Answer: (a)

34. _____ developed three different types of ventilators named Prana, Vau and Svasta; and an oxygen concentrator named Shwaas.

(a) Indian Space Research Organisation
(b) Defence Research & Development Organisation
(c) Reliance Industries Limited
(d) Bharat Heavy Electricals Limited

Answer: (a)

35. China on May 7, 2021, launched the eighth group of _____ Yaogan-30 satellites into orbit on a Long March 2C rocket from the Xichang Satellite Launch Center in Southwest China.

(a) six
(b) two
(c) three
(d) five

Answer: (c)

36. The _____ India-Swiss Financial Dialogue was held through video conference in New Delhi on May 11, 2021.

(a) 2nd
(b) 4th
(c) 5th
(d) 6th

Answer: (b)

37. Two statements are given below. Which of the following statement(s) is/are true?
1. The Prime Minister is appointed by the President, who also appoints other ministers on the advice of Prime Minister.
2. The President is the Supreme Commander of the Indian Armed Forces.

(a) Only 1
(b) Only 2
(c) Both 1&2
(d) Neither 1 nor 2

Answer: (c)

38. Which among the following Constitutional Amendments is also known as Anti-Defection Law?

(a) 52nd
(b) 44th
(c) 58th
(d) 61st

Answer: (a)

39. Who among the following golf players wo[illegible]etfred British Masters 2021?

(a) Richard Bland
(b) Guido Migliozzi
(c) Dave Coupland
(d) Mikko Korhonen

Answer: (a)

40. Ravi Kumar Dahiya recently won a gold medal in April 2021. He is associated with which of the following sports?

(a) Swimming
(b) Wrestling
(c) Shooting
(d) Archery

Answer: (b)

Arithmetic Ability

41. Simplify:
[(3√8 + √8) × (5√8 + 10√8)] -108 = ?

(a) 3√8

(b) 7√8

(c) 372

(d) 475

Answer: (c)

42. What value will come in place of the question mark?
16 - (4/6) × (6/5) of 20 ÷ 4 = ?

(a) 21

(b) 12

(c) 24

(d) 20

Answer: (b)

43. Among 5 numbers, first number is double of second number and three-fourth of third number. The average of 5 numbers is 55. If the sum of remaining two numbers is 88, then find the value of the 3rd number.

(a) 88

(b) 60

(c) 77

(d) 66

Answer: (a)

44. In an election X got 30 Percent of the total votes. Y got 25 Percent of the total votes. Z got the remaining votes and he got 9600 more votes than X. Find the number of votes Y got.

(a) 16400

(b) 15700

(c) 16000

(d) 15800

Answer: (c)

45. In his final exam, a student scores 90 marks in Physics. His marks in chemistry practical exam is 26(2/3)% of his total marks in Physics. If his total marks in chemistry is 17 less than his marks in physics. Find the marks obtained by the student in theory exam of chemistry? His total marks in each subject are sum of his theory and practical marks.

(a) 50

(b) 46

(c) 52

(d) 49

Answer: (d)

46. Ram gives 4 articles free on the purchase of 6 articles and allows a discount of 2 Percent, while still earning 20 Percent profit during the whole transaction. By what percent above the cost price he marked his articles?

(a) 122.08%

(b) 116.08%

(c) 94.08%

(d) 104.08%

Answer: (d)

47. A hawker sold some samosas in such a way that selling price of 76 samosas is the same as the cost price of 95 samosas. Find the profit percentage.

(a) 19 Percent

(b) 38 Percent

(c) 24 Percent

(d) 25 Percent

Answer: (d)

48. 6 years ago, the ages of Manu and Chanchal were in the ratio 4 : 3 and 4 years from now, the ratio of their ages will be 13 : 11. Find the age of Manu at present.

(a) 22 years

(b) 18 years

(c) 26 years

(d) 16 years

Answer: (a)

49. Ram and Sita invested capital in the ratio [illegible] time Sita invested her money for was one year lesser than that invested by Ram. The ratio of their profits is in the ratio 6 : 7. Find the time Sita invested the money for?

(a) 15 years

(b) 13 years

(c) 12 years

(d) 14 years

Answer: (d)

50. The Simple interest accrued on a certain principal is Rs. 1600 in 4 years at the rate of 8 Percent per annum. What would be the Compound interest accrued on twice of that principal at the rate of 10 Percent per annum in 2 years?

(a) Rs. 2100

(b) Rs. 2150

(c) Rs. 2250

(d) Rs. 2200

Answer: (a)

51. Kunal gets two offers of loans from a bank and an online lending app (application). The app offered Rs. 20,000 at 20 Percent per annum compounded annually for 3 years and the bank offered the same amount at the same rate and for the same time but on simple interest. Find the difference between the interests.

(a) Rs. 2,700
(b) Rs. 2,000
(c) Rs. 2,500
(d) Rs. 2,560

Answer: (d)

52. Distance between Agra and Rewa is 96 km. To cover this distance a car takes 4 hours less than a bus. Find the speed of the car, if the car is 12 km/h faster than the bus.

(a) 16 km/h
(b) 20 km/h
(c) 24 km/h
(d) 32 km/h

Answer: (c)

53. A boy walked a certain distance. One-fourth of the distance he walked at 10 km per hr. Another one-fourth of the distance he waked at 20 km per hr. and the rest at 30 km per hr. Find his average speed.

(a) (230/13) km per hr
(b) (720/13) km per hr
(c) (240/13) km per hr
(d) (240/11) km per hr

Answer: (c)

54. V alone can complete a piece of work in 10 days while W alone can complete the same piece of work in 15 days. To complete the work in 4 days, Z is hired. The money assigned for completion of work is Rs. 900. How much money does Z earn from working on the project?

(a) Rs. 400
(b) Rs. 300
(c) Rs. 500
(d) Rs. 600

Answer: (b)

55. A work had been undertaken by 60 men and was to be completed in 60 days when the men worked for 6 hours a day. But after 40 days, it was observed that only half of the work had been completed, hence the number of working hours were made 8 and 'n' more men were employed. The work was completed in stipulated time. Find the value of n.

(a) 20
(b) 30
(c) 40
(d) 90

Answer: (b)

56. The sum of the length, breadth, and height of a cuboid box is 40 cm and the whole surface area of it is 992 sq. cm, then, what is the maximum length (approximate) of a stick that can placed inside the cuboid box?

(a) $4\sqrt{38}$ cm

(b) $2\sqrt{38}$ cm

(c) $4\sqrt{34}$ cm

(d) $4\sqrt{42}$ cm

Answer: (a)

57. Area of a square is 8 times the area of a rectangle. Find the ratio of diagonal of the square to the diagonal of the rectangle, if the length of the rectangle is half the length of the side of the square.

(a) $1 : \sqrt{2}$

(b) $3\sqrt{2} : 5\sqrt{3}$

(c) $4\sqrt{2} : \sqrt{5}$

(d) $\sqrt{3} : \sqrt{5}$

Answer: (c)

General English

61. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
Their decision not to publish/ them is not only coward' ' it is also hypocritic.

(a) Their decision not to publish

(b) them is not only cowardly,

(c) it is also hypocritic.

(d) No error

Answer: (c)

62. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
We have to invest more into the space research/ and technology in order to have an industry capable / of competing with other international players.

(a) We have to invest more into the space research

(b) and technology in order to have an industry capable

(c) of competing with other international players.

(d) No error

Answer: (a)

63. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
The war (caused not only destruction and death but generations of hatred between) the two communities.

(a) caused not only destruction and death though generations of hatred between
(b) caused not only destruction and death though also generations of hatred between
(c) caused not only destruction and death but also generations of hatred between
(d) No correction required

Answer: (c)

64. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(The location was more then a mile from their given address), and we had to walk all the way.

(a) The location was more then a mile from their given address
(b) The location was more than a mile from their given address
(c) The location was more then a mile from there given address
(d) No correction required

Answer: (b)

65. Fill in the blank with the most appropriate choice
The courts have, however, the right to interfere for th otection of the wife in case of any _____ abuse of the power thus vested in the sband.

(a) predominant
(b) flagrant
(c) insignificant
(d) recalcitrant

Answer: (b)

66. Fill in the blank with the most appropriate choice
Under the masonic aprons and _____ he saw the uniforms and decorations at which they aimed in ordinary life.

(a) insignia
(b) insomnia
(c) asthenia
(d) egomania

Answer: (a)

67. Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.
An opportunist to the last,
P. sacrificed any theological
Q. he would readily have
R. convictions he may have
S. had in the interests of
national uniformity.

(a) PRSQ
(b) QPRS
(c) PSRQ
(d) RPQS

Answer: (b)

68. Select the word that is similar in meaning (SYNONYM) to the word given below Mandate

(a) Fizzle
(b) Stalk
(c) Annuity
(d) Injunction

Answer: (d)

69. Select the word that is opposite in meaning (ANTONYM) to the word given below Impede

(a) Unimaginative
(b) Glutton
(c) Facilitate
(d) Handicap

Answer: (c)

70. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) Aleinate
(b) Aleinete
(c) Alienate
(d) Allenate

Answer: (c)

71. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) Beseige
(b) Besiege
(c) Bisiege
(d) Biseige

Answer: (b)

72. Select the most appropriate meaning of the given idiom Finding Your Feet

(a) The whole thing

(b) Not willing or wanting to change from your normal way of doing something.

(c) To become more comfortable in whatever you are doing.

(d) A very tasty food or meal.

Answer: (c)

73. Select the most appropriate meaning of the given idiom Mum's the word

(a) Don't hurt anyone that helps you.

(b) Savings set aside for future use.

(c) To keep quiet and say nothing.

(d) Nonsense or meaningless speech.

Answer: (c)

74. Select the most appropriate 'one word ' for the expressions given below Giving or being a sign of (something that will happen or develop in the future)

(a) Coalition

(b) Stray

(c) Trespass

(d) Presage

Answer: (d)

75. Select the most appropriate 'one word ' for the e[illegible]essions given below Groups of people who are doing something together

(a) Vanguard

(b) Embassy

(c) Platoon

(d) Syndicate

Answer: (d)

76. When was the first census taken?

(a) 2000

(b) 1970

(c) 1790

(d) 1920

Answer: (c)

77. What purpose did the first census serve?

(a) To have the data of slaves and Indians.

(b) To determine the number of seats a state gets.

(c) To have the overall population data of the United States.

(d) To have the data of number of men available for military services.

Answer: (d)

78. During which census the population of the United States topped 100 million?
(a) Tenth
(b) Fourteenth
(c) Eighteenth
(d) Twentieth
Answer: (b)

80. Who is responsible for conducting the process of Census in the United States?
(a) United States Military
(b) U.S. Constitution
(c) U.S. Census Bureau
(d) Congress
Answer: (c)

Discipline1

101. Which light is the most effective for Photosynthesis?
(a) Orange
(b) Violet
(c) Green
(d) Pink
Answer: (c)

102. _____ is a species of photosynthetic mac gae.
(a) Chlorophyta
(b) Pyrrophyta
(c) Udotea flabellum
(d) Euglenophyta
Answer: (a)

103. Energy can be_____.
(a) Transferred
(b) Destroyed
(c) Created
(d) Broken
Answer: (a)

104. The official, internationally accepted energy unit for scientific work is known as _____.
(a) Calorie
(b) International Unit
(c) Kilowatt
(d) Joule
Answer: (d)

105. Out of the following devices, in which equipment two heat exchangers are used instead of one?

(a) Television
(b) Refrigerator
(c) Boilers
(d) Oven

Answer: (c)

106. The push or pull on an object with mass that causes it to change its velocity is known as _____.

(a) Mass Weight
(b) Pressure
(c) Gravitation
(d) Force

Answer: (d)

107. The region where the probability density function reduces to zero is known as _____.

(a) Point Surface
(b) Nodal Surface
(c) Zero Surface
(d) Negative Surface

Answer: (b)

108. Which of the following diseases can be caused due to deficiency of Vitamin E?

(a) Asthma
(b) Dysphagia
(c) Infertility
(d) Diverticulosis

Answer: (c)

109. The bakery and confectionary food industries should widely use hydrogenated fats because:

(a) It can be reused
(b) Is cheap in cost
(c) Is easily available
(d) Increases flavour

Answer: (d)

110. Select the correct option consisting of 2 Non- Essential Amino Acids.

(a) Leucine, Isoleucine
(b) Glycine, Proline
(c) Valine, Methionine
(d) Lysine, Tyrosine

Answer: (b)

111. Which mineral causes Hypernatremia?

(a) Calcium
(b) Phosphorus
(c) Sodium
(d) Magnesium

Answer: (c)

113. Parboiling in rice increases which Vitamin?

(a) Thiamine
(b) Riboflavin
(c) Pyridoxine
(d) Pantothenic acid

Answer: (a)

114. From the options given below, _____ is the by-product in the manufacturing of sugar.

(a) Palmyra
(b) Molasses
(c) Propolis
(d) Compotes

Answer: (b)

115. How many stages we have in the life span of Hum development?

(a) 4
(b) 3
(c) 5
(d) 8

Answer: (d)

116. What is the duration of neonatal period ?

(a) From birth to 14 days
(b) From birth to 28 days
(c) From birth to 50 days
(d) From birth to the end of 1 year

Answer: (b)

118. Out of the given options, who believes that knowledge of an accurate pattern of development is fundamental to understanding of children?

(a) Developmental Physiologist
(b) Developmental Psychologist
(c) Developmental Environmentalist
(d) Developmental educationalist

Answer: (b)

119. What does growth mean?

(a) Growing in size only
(b) Growing in appearance
(c) Growing emotionally intellectual
(d) Growing in physiological and structural change

Answer: (d)

120. Which of the given options are determined by parental education, occupation and income?

(a) Socio-economic status
(b) Wealth status
(c) Fame status
(d) Ascribed status

Answer: (a)

Discipline2

121. What are the two main languages of fifth generation computers?

(a) Python & Java
(b) Ruby on Rails & HTML
(c) LISP & Prolog
(d) PHP. & SQL

Answer: (c)

122. What does the central processing unit consist

(a) Arithmetic Logical Unit & Control Ur
(b) Input Unit & Output Unit
(c) Input units & Control unit
(d) Mouse and Keyboard

Answer: (a)

123. What is another name for Abacus?

(a) Mathematical beads
(b) Counting Frame
(c) Loops and Beads
(d) Bony frame

Answer: (b)

124. Which mathematician became famous for his invention of logarithms?

(a) John Napier
(b) E. Gunter
(c) Gottfried Leibniz
(d) Blaise Pascal

Answer: (a)

125. _____are used by Second generation computers.

(a) Vacuum tube

(b) Integrated Circuits

(c) Transistors

(d) Microprocessors

Answer: (c)

126. Name a moveable ball mounted on a stationary device, which can be rotated manually by using fingers.

(a) Joystick

(b) Trackball

(c) Para ball

(d) Point Ball

Answer: (b)

127. The mathematician whose theory has formed the core of nearly every computer system in use today is _____.

(a) Blaise Pascal

(b) Gottfried Leibniz

(c) John Von Neumann

(d) John Napier

Answer: (c)

128. Documents having similar specific characterist are:

(a) Fonts

(b) Genres

(c) Paragraphs

(d) Sentences

Answer: (b)

129. Which of the following is not necessarily required while writing technical English?

(a) Research

(b) Critical Thinking

(c) Computer

(d) Use of writing tools

Answer: (c)

130. While writing a letter, which skill saves maximum money and time?

(a) Listening skills

(b) Documentation skills

(c) Communication skills

(d) Writing Skills

Answer: (d)

131. In addition to knowing the needs and interests of your readers, what is another thing from the following that we should know ?

(a) Context
(b) Content
(c) About author
(d) Preface

Answer: (a)

132. Name 2 indefinite articles in technical writing in English.

(a) As and If
(b) They and Their
(c) A and An
(d) Dear and Respected

Answer: (c)

133. Which is the most appropriate word to be used while referring to a preceding passage?

(a) Above
(b) Up
(c) Upward
(d) Upstairs

Answer: (a)

134. Synonym in English writing means:

(a) Use rhyming words.
(b) Words or phrases meaning the sam
(c) Use words repeatedly.
(d) Using a new pen and board to write.

Answer: (b)

135. Which of the following is the most fundamental contextual factor affecting HR policy?

(a) Legal Context
(b) Documental Context
(c) Paper Context
(d) Administrative Context

Answer: (a)

136. Human Resource Management has undergone a steady process known as

(a) Privatization
(b) Professionalization
(c) Liberalization
(d) Minimization

Answer: (b)

137. American Society for Training and Development (ASTD) does not identify _____ as an area of HRM.

(a) Casual leaves management
(b) Training and development
(c) Selection and staffing
(d) Employee assistance

Answer: (a)

138. A "collection or aggregation of tasks, duties and responsibilities which as a whole, are regarded as a regular assignment to individual employees," is known as _____.

(a) Work
(b) Management
(c) Job
(d) Load

Answer: (c)

139. Which of the following will fetch the highest rate of returns?

(a) Fixed deposits with nationalised banks
(b) Public Provident fund
(c) Savings accounts with private banks
(d) Recurring accounts with post office

Answer: (b)

140. Which concept was proposed by John Campb n his presidential address at American Finance Association (Campbell, 2006)?

(a) Household Finance
(b) Consumer Finance
(c) Legal Finance
(d) Business Finance

Answer: (a)

Discipline3

141. An increase in the price of goods and services over time is called _____.

(a) Wages
(b) Inflation
(c) Loans
(d) Bills

Answer: (b)

142. Cells that do not divide further exit G1 phase to enter an inactive stage called _____.

(a) Quiescent stage
(b) Inactive G stage
(c) Nil Stage
(d) Reverse G stage

Answer: (a)

143. The formation of the new cell wall begins with the formation of a simple precursor called _____.

(a) Cell Division
(b) Cell Plate
(c) Cell Formation
(d) Matured Cell

Answer: (b)

144. Formula for Normality is _____.

(a) Molar Mass / Basicity
(b) Weight of Compound / Equivalent weight
(c) Equivalent weight / Volume of solution in Litres
(d) Molar mass of the solute/ Mass of the solvent

Answer: (c)

145. In forming the image in a microscope which lens cuses light from the illuminator to a small area of the specimen?

(a) Condenser lens
(b) Collector lens
(c) Objective lens
(d) Eyepiece lens

Answer: (a)

146. Which of the following is a type of WBC (White Blood Cells)?

(a) T - lymphocytes
(b) Antigen
(c) Bacterial Cells
(d) Antigen- binding site

Answer: (a)

147. What is used to view the ribosome bound to ternary complex?

(a) Light Microscope
(b) Compound Microscope
(c) Cryo-electron microscopy (cryo-EM)
(d) Electronic Microscope

Answer: (c)

148. In peptide bond formation, carboxyl group reacts with _____.

(a) Phosphorus
(b) Fibre
(c) Fats
(d) Amino group

Answer: (d)

149. I enhance absorption of Iron. Who am I?

(a) Calcium
(b) Vitamin B
(c) Vitamin C
(d) Vitamin A

Answer: (c)

150. Which food component has blocking/ suppressing effect?

(a) Isoflavones
(b) DHA (docosahexaenoic acid)
(c) EPA (Eicosapentaenoic acid)
(d) GSH (Glutathione)

Answer: (a)

151. Choose the statement for the dietary modification in geriatrics.

(a) Should be given more of Triglycerides
(b) Too many sweets with lots of fats and sugar should be avoided
(c) Easily digestible food should be given
(d) Fibre rich food should be avoided

Answer: (c)

152. Name the binge eating disorder after weightloss or dieting attempts.

(a) Orthorexia Nervosa
(b) Anorexia Nervosa
(c) Bigorexia
(d) Bulimia Nervosa

Answer: (d)

153. Why Vitamin D dosage increases in Old age?

(a) To maintain blood levels of phosphorus
(b) To prevent from bone loss or fractures
(c) Facilitating normal immune system function
(d) Reduce likelihood of developing flu

Answer: (b)

154. Out of 100 g of the given food items, which one has highest antioxidants?

(a) Walnuts
(b) Almonds
(c) Hazelnuts
(d) Cashew

Answer: (a)

155. What should be the daily dose of Vitamin A in an adult male?

(a) 850 mcg/dl
(b) 1200 mcg/dl
(c) 1000 mcg/dl
(d) 950 mcg/dl

Answer: (c)

156. Digestion of carbohydrates start in the mouth with the enzyme _____.

(a) Latin
(b) Ptyalin
(c) Alpha Amylase
(d) Amylase

Answer: (b)

157. Thickening of capillaries in the glomerulus leads to _____.

(a) Neuropathy
(b) Retinopathy
(c) Nephropathy
(d) Atherosclerosis

Answer: (c)

158. The intestinal wall lined with 4 to 5 million finger like projections are called _____.

(a) Cilia
(b) Villi
(c) pseudopodia
(d) Cristae

Answer: (b)

159. _____ is a carotenoid present in tomatoes.

(a) Anthocyanins
(b) Catechins
(c) Copper
(d) Lycopene

Answer: (d)

160. Which one is not a reason for morning sickness during first trimester of pregnancy?

(a) Hormonal imbalance

(b) Food odour

(c) Increased Blood Glucose

(d) Less water intake

Answer: (c)

Discipline4

161. Dietician is a part of Health care system that does not include _____.

(a) X ray Technician

(b) Nurses

(c) Physicians

(d) Doctors

Answer: (a)

162. What is the 80C limit for 2020-21?

(a) 1,00,000

(b) 1,50,000

(c) 2,00,000

(d) 2,50,000

Answer: (b)

163. What are the resources that can be used to cre[illegible] income, decrease expenses, or store wealth as an investment?

(a) Income Sources

(b) Extra Income

(c) Assets

(d) Financial Statement

Answer: (c)

164. Borrowing is renting someone else's money for a period of time, and the money you owe is known as _____.

(a) Interest

(b) Income

(c) Debt

(d) Return Payment

Answer: (c)

165. The use of accounting skills to investigate fraud or embezzlement and to analyse financial information for use in legal proceedings is called _____ accounting.

(a) Forensic
(b) Managerial
(c) Financial
(d) Accrual

Answer: (a)

166. Why do we need a Demat account?

(a) To create Fixed Deposits
(b) To hold shares
(c) To withdraw money from Provident fund account
(d) To save capital gains tax when you sell a property

Answer: (b)

167. While applying for a loan, what information needs to be provided to show ability to repay the loan?

(a) Bank Details
(b) Educational Details
(c) Working place Details
(d) Personal Financial Position

Answer: (d)

168. What is the full form of AMFI?

(a) Annual Master Fundings of India
(b) Association of Mutual Funds in India
(c) Associated Money Funding of India
(d) Annual Money Funds of India

Answer: (b)

169. Who worked on childhood cognitive development?

(a) John Bowlby
(b) Sigmund Freud
(c) Erik Erikson
(d) Jean Piaget

Answer: (d)

170. Feeling of guilt, sorrow and happiness is due to _____.

(a) Psychological Development
(b) Emotional Development
(c) Moral development
(d) Environmental Development

Answer: (c)

171. _____ development is a field of study in neuroscience and psychology focusing on a child's development in terms of information processing, conceptual resources, perceptual skill and language learning.

(a) Social
(b) Emotional
(c) Moral
(d) Cognitive

Answer: (d)

172. During infancy, ideal gain in weight and height should be _____.

(a) Weight by 1/3rd and height by twice.
(b) Weight by twice and height by thrice.
(c) Weight by thrice and height by 1/3rd
(d) Weight and height by twice

Answer: (c)

173. Which part of the body grows rapidly after birth?

(a) Legs
(b) Lower abdomen
(c) Hands
(d) Head

Answer: (d)

174. In early childhood what all significant changes be seen?

(a) Only Psychological changes
(b) Physical and aggressiveness
(c) Physical and Psychological
(d) Environmental adaptation

Answer: (c)

175. Who has given the "Attachment theory"?

(a) Sigmund Freud
(b) John Bowlby
(c) Jean Piaget
(d) Erik Erikson

Answer: (b)

176. Choose the correct order of Sigmund Freud's five psychosexual stages.

(a) oral, phallic, latency, anal, and genital
(b) oral, anal, genital phallic and latency
(c) oral, anal, phallic, latency, and genital
(d) oral, latency, phallic, anal and genital

Answer: (c)

177. What does "industry and inferiority" stand for?

(a) Children begin to expose them to the competitive world.

(b) Children begin to compare themselves with their peers to see how they measure up.

(c) Learning about reel and real world.

(d) Children who feels shy to the outer world.

Answer: (b)

178. Name the term for the following- "The absorption of new ideas into an existing cognitive structure."

(a) Assimilation

(b) Object permanence

(c) Deductive reasoning

(d) Transitivity

Answer: (a)

179. What are the three types of attachments that a child could possibly demonstrate?

(a) Secure, Avoidant, and Vacillator

(b) Preoccupied, Avoidant, Fearful

(c) Secure, Avoidant, and Resistant

(d) Pleaser, Vacillator, Controller

Answer: (c)

180. What does Freud's psychosexual theory of deve[illegible]ment suggest?

(a) We progress through three levels of moral th[illegible]ing that build on our cognitive development.

(b) Children develop through a series o[illegible]lated to erogenous zones

(c) The resolution of different crises to becom[illegible]a successful, complete person.

(d) The idea that children actively construct knowledge as they explore and manipulate the world around them.

Answer: (b)

Discipline5

181. What was the age group suggested by Piaget for concrete operational stage?

(a) 0-2 years

(b) 3-6years

(c) 7-11 years

(d) above 12 years

Answer: (c)

182. What is the type of communication that is shared by all machines of a network?

(a) Analog

(b) Digital

(c) Point to point and Broadcasting

(d) Baseband

Answer: (c)

183. Name a system that has a channel that allows simultaneous transmission in both directions.

(a) Simplex transmission
(b) Full duplex transmission
(c) Half duplex transmission
(d) Duplex transmission

Answer: (b)

184. What is the correct order in elements of a communication system?

(a) Source, transmitter, transmission channel, receiver
(b) Source, transmission channel, transmitter, receiver
(c) Transmission channel, source, transmitter, receiver
(d) Transmitter, source, transmission channel, receiver

Answer: (a)

185. Which out of the following is an important signal-processing technique?

(a) Modulation
(b) Coding
(c) Sampling
(d) Pulse Modulation

Answer: (b)

186. Name one scientist out of the following who has ked in Modern Communication in 19 & 20th Century.

(a) Joseph Lister
(b) J.C. Bose
(c) M. Visvesvaraya
(d) Karl Landsteiner

Answer: (b)

187. Who wrote the book- The Creation of Patriarchy?

(a) Ursula K Le Guin
(b) Gerda Lerner
(c) Leo Tolstoy
(d) Gustave Flaubert

Answer: (b)

188. Which are the 4 racial types found in the world?

(a) African American, Native Hawaiian and African American
(b) Caucasian, Mongoloid, African and Aryan
(c) Lemurian, Atlantean, Mongoloid and Aryan
(d) Caucasian, Mongoloid, Negroid & Australoid

Answer: (d)

189. Race is a biological, mental or a social construct?

(a) Only Biological

(b) Only social

(c) Biological and Social

(d) Mental and social

Answer: (c)

190. Who quoted , "I ain't afraid to love a man, I ain't afraid to shoot him either"?

(a) Robert Stoller

(b) Annie Oakley

(c) Nancy Hartsock

(d) Goldthrope

Answer: (b)

191. What does gender study try to improve?

(a) Biological difference

(b) Sexes

(c) Social Difference

(d) Division of income strata

Answer: (c)

192. Female infanticide is:

(a) Killing of daughter in law due to dowry

(b) Deliberate killing of newborn female childre

(c) Girl child deprived of education

(d) Less salary to females for same work

Answer: (b)

193. According to the matrimonial pamphlet's in 1543, ideal wife duties are categorized as:

(a) Only to take care of family

(b) To serve her husband, take care of family

(c) Only to do household chores

(d) To not to earn

Answer: (b)

194. Who defined psychology as "the science of mental life, both of its phenomena and their conditions."?

(a) William James

(b) Dadapani

(c) Bagga

(d) Watson

Answer: (a)

195. A gemmologist, graphologist, numerologist, palmist or an astrologer comes under category of _____.

(a) Military Psychologist
(b) Clinical psychologist
(c) Pseudo-psychologist
(d) Child Psychologist

Answer: (c)

196. Who is a phrenologist?

(a) describe you by your eyes
(b) describe you by your skull
(c) describe you by your handwriting
(d) describe you by your behaviour

Answer: (b)

197. According to UNESCO, which one of the following is not a dimension of sustainable development?

(a) Society
(b) Environment
(c) Education
(d) Economy

Answer: (c)

198. Who experimented with a 11 month old little bo bert on the term classical conditioning?

(a) John Watson
(b) Pavlov
(c) Burrhus Frederic Skinner
(d) Bowlby

Answer: (a)

199. Whose theory of evolution involves the study of the genes and environmental mechanisms that underlie the universal development of social and cognitive competencies?

(a) Darwin's
(b) Lornez's
(c) Tinbergen's
(d) Bowlby's

Answer: (a)

200. According to NIN 2020, how much protein does an Indian child of 4-6 years require per day?

(a) 10gm
(b) 13gm
(c) 15gm
(d) 21gm

Answer: (b)

Discipline6

201. The requirement of nutrients increases in an adolescent girl as compared to an adolescent boy because-

(a) They require more for their growth and development and also stack up for future child bearing procedure.

(b) They have more composed body composition so require more nutrition.

(c) Muscles are more in them so to maintain it girls require more nutrients.

(d) They do not like to eat heavy meals.

Answer: (a)

202. The process of physical changes through which a child's body matures into an adult body capable of sexual reproduction is known as:

(a) Menarche

(b) Adolescence

(c) Development of Secondary Sexual Characteristics

(d) Puberty

Answer: (d)

203. What is stunted?

(a) Low height for age

(b) Excessive tall height for age

(c) Low weight for height

(d) Low weight for age

Answer: (a)

204. Which nutrient deficiency can lead to growth failure in children?

(a) Vitamin D

(b) Zinc

(c) Calcium

(d) Vitamin A

Answer: (b)

205. Which one from the below option is not the symptom of Premenstrual syndrome?

(a) Breast enlargement

(b) Anxiety

(c) Peripheral oedema

(d) Constipation

Answer: (d)

206. Which vitamin is used to treat hyperparathyroidism?

(a) Zinc
(b) Vitamin E
(c) Vitamin C
(d) Vitamin D

Answer: (d)

207. Define Nutrition.

(a) Taste enhancing food
(b) The science of food and relationship to health
(c) Science of food and agriculture
(d) A plate of balanced food

Answer: (b)

208. Out of the following, which one is not the clinical PEM form?

(a) Kwashiorkor
(b) Marasmus
(c) Marasmic kwashiorkor
(d) Wasting

Answer: (d)

209. To enhance Iron absorption, it is advised to cons e it with which Vitamin?

(a) Vitamin A
(b) Vitamin C
(c) Biotin
(d) Vitamin E

Answer: (b)

210. What is the full form of ICDS Scheme?

(a) Intelligent Child Development Services
(b) Integrated Child Development Scheme
(c) Integrated Child Development Services
(d) Installation of Child Development Services

Answer: (c)

211. In kwashiorkor, excretion of _____ reduces.

(a) Creatinine
(b) Riboflavin
(c) Iron
(d) Pancreatic secretion

Answer: (a)

212. Which of the following classifications based on body weight are not commonly used in India?

(a) Gomez classification,

(b) Indian Academy of Paediatrics (IAP) classification

(c) Standard deviation classification

(d) Hamwi method

Answer: (d)

213. According to Boxall and Purcell, HRM means?

(a) Anything and everything associated with the management of employment relationships in the firm

(b) Anything and everything associated with the management of employment relationships in the particular department.

(c) Anything and everything associated with the management of employment relationships in the different office of same company.

(d) Anything and everything associated with the management of employment relationships only with the management sector.

Answer: (a)

214. Rearrange the 4 key dimensions for HRM.

(a) Quality, Commitment, Flexibility and Integration.

(b) Commitment, Quality , Flexibility and Integration.

(c) Commitment, Flexibility, Quality and Integratior

(d) Commitment, flexibility, Integration and Quali

Answer: (c)

215. Which part of role of HRM includes barg ith unions?

(a) Human Bureaucrat

(b) Consensus Negotiator

(c) Manpower Analyst

(d) Organization Man

Answer: (b)

216. The Four-stage model of HRM included recruitment, education, motivation and evaluation. What was added in the five-stage model?

(a) Training

(b) Celebration

(c) Reward

(d) Confidential Report

Answer: (b)

217. This is the model of HRM that emphasizes four functions of management and their interrelatedness: Selection, Appraisal, Development and Rewards. This model is incomplete as it ignores all other environmental and contingency factors. Name the model.

(a) Fombrun Model
(b) Ulrich Model
(c) Karen's Model
(d) Purcell and Ahlstrand Model

Answer: (a)

218. The term 'expatriate' defines:

(a) Workers transferred from their respective State to state
(b) Workers transferred from 1 SBU to any of their SBUs
(c) Workers transferred from their respective SBUs to their home country.
(d) Workers transferred from their respective home countries to any of their SBUs

Answer: (d)

219. What do you understand by sustainable development?

(a) To choose wisely
(b) Developing society
(c) Use and save for future generation
(d) Use limitless

Answer: (c)

220. Out of the given options, which one is an example of a so-called non-valuated resource?

(a) Biodiversity
(b) Land
(c) Water
(d) Air

Answer: (a)

Discipline7

221. Human Resource can be defined as-

(a) The number (quantity) and abilities (mental and physical) of the people.
(b) Made by humans
(c) Made by nature but introduced by humans
(d) The quality and quantity of the resources

Answer: (a)

222. Which one of the options is a type of Share Capital?

(a) Load stock
(b) Dead stock
(c) Common stock
(d) Capital Stock

Answer: (c)

223. Which one of the following is not a fossil fuel?

(a) Oil

(b) Gold

(c) Natural Gas

(d) Coal

Answer: (b)

224. On the basis of their development and use resources can be classified as:.

(a) Actual and potential resources

(b) Equity and Growth resources

(c) Capital and stock

(d) Renewable and non- renewable resources

Answer: (a)

225. Which one of the following is a human made resource?

(a) Coal

(b) Iron ore

(c) Technology

(d) Island

Answer: (c)

226. World Commission on Environment and Develop nt (WCED) is also known as:

(a) Environmental report

(b) Ecological economic report

(c) Development report

(d) Brundtland Report

Answer: (d)

227. Who is a child soldier?

(a) any person below 18 years of age who is or who has been recruited or used by an armed force or armed group in any capacity

(b) any person below 18 years of age who illegally work with armed forces

(c) any person below 18 years of age who is forced to be exploited.

(d) any person below 18 years of age who illegally forced to be sexually exploited

Answer: (a)

228. Section 83(2) in 2007 is for:

(a) Juvenile Education

(b) Juvenile Justice

(c) Juvenile rights and duties

(d) Juvenile Jails

Answer: (b)

229. Which article of the Constitution of India gives the right to life and liberty and states: No person shall be deprived of life or personal liberty except according to procedure established by law?

(a) Article 2B
(b) Article 19
(c) Article 21
(d) Article 4B

Answer: (c)

231. According to the national child educational law, till what age a child should be compulsorily provided education?

(a) 6-18 years
(b) 6- 12 years
(c) 6-14 years
(d) 6-22 years

Answer: (c)

232. The United Nations Convention on the Rights of the Child (UNCRC) defines a child who is-

(a) Anyone below 10 years
(b) Anyone below 18 years
(c) Anyone below 21 years
(d) Anyone below 6 years

Answer: (b)

233. The first stage of Adolescence is-

(a) Early Adolescence
(b) Primary Adolescence
(c) Primitive Adolescence
(d) First Adolescence

Answer: (a)

234. Name the term which is measured by bone age, and is the most useful biological indicator of overall physiologic maturation.

(a) Bone Development
(b) Skeletal Maturity
(c) Skeletal Development
(d) Bone Maturity

Answer: (b)

235. Peak height velocity (PHV) is attained in which stage?

(a) School age
(b) Infancy
(c) Adolescence
(d) Pregnancy

Answer: (c)

236. Which skills grows and matures in a child giving him/her the ability to understand the world and people around him/her and to function independently?

(a) Cognitive skills
(b) Mental alert skills
(c) Determined skills
(d) Concentration skills

Answer: (a)

237. India's first and the world's largest, 24-hour telephonic helpline service that works for children in distress across the country is:

(a) 198
(b) 1075
(c) 1098
(d) 1021

Answer: (c)

238. While screening for which process, its important to view child from front, back, and side, in erect and forward-bending positions?

(a) Skin fold measurement
(b) Body Mass Index
(c) Anthropometric Measurements
(d) Scoliosis Check

Answer: (d)

239. Who can help families prepare for the ...ior c...nges that will take place during a child's adolescence?

(a) Teachers
(b) Health professionals
(c) Old Age people
(d) Books and Novels

Answer: (b)

240. Which granules contain both linear amylase and branched amylopectin?

(a) Starch
(b) Carbohydrates
(c) Polysaccharides
(d) Monosaccharides

Answer: (a)

Discipline8

241. Which components are long-chain carboxylic acids that usually have between 12 and 24 carbon atoms and have no double bonds?

(a) Saturated fatty acids
(b) Unsaturated Fatty Acids
(c) Polysaccharides
(d) Disaccharides

Answer: (a)

242. Which is the most commonly used method of protein estimation which is easy to perform and is very sensitive?

(a) Nessler reaction
(b) The Lowery's method
(c) Soxhlet Extraction Method
(d) Ninhydrin reaction

Answer: (b)

243. Enzymes are very specific because both the enzyme and the substrate possess specific complementary geometric shapes that fit exactly into one another, that model is called:

(a) Triangular Model
(b) Lock and Key Model
(c) Hexagon Model
(d) Pentagonal Model

Answer: (b)

244. At a certain pH known as the isoelectric point, the number of protonated ammonium groups having positive charge and deprotonated carboxylate groups having negative charge are equal, resulting in a net neutral charge. That Ion is known as:

(a) Isoelectric Ions
(b) Zwitterion Ions
(c) Zero Ions
(d) Ionizable Ions

Answer: (b)

245. Which Vitamin most often forms from intestinal bacteria in the body?

(a) Vitamin E
(b) Vitamin K
(c) Vitamin - A
(d) Vitamin - B6

Answer: (b)

246. Which salt should be used in all food preparation, even if it costs more, to avoid goitres which occur in many parts of the world?

(a) Sea Salt
(b) Iodized Salt
(c) Rock salt
(d) Non Iodized Salt

Answer: (b)

247. An increasing number of youngsters, especially females (such as models and actress) go through stages of eating large amounts of foods (high fat sweets) and then get rid of it by vomiting. This disorder is called_____.

(a) Overeating Outcome
(b) Bulimia Nervosa
(c) Anorexia Nervosa
(d) Frequent Vomiting Syndrome

Answer: (b)

248. Bile acids that are needed for fat digestion are formed from _____.

(a) Cholesterol
(b) Bile stored in liver
(c) Pancreatic Juices
(d) Mucus and Hydrochloric Acid

Answer: (a)

249. The mixture of glucose and fructose used in preparation of candies and icing is called _____.

(a) Whipped Sugar
(b) Invert sugar
(c) Caramel Sugar
(d) Concentration Sugars

Answer: (b)

250. What breaks starches into maltose and dextrins?

(a) Lipase
(b) Sucrase
(c) Pancreatic Amylase
(d) Isomaltase

Answer: (c)

251. Breakdown of complex substances to simpler ones is known as _____.

(a) Metabolism
(b) Catabolism
(c) Anabolism
(d) Energy Absorption

Answer: (b)

252. In digestion chewing of food, swallowing of food, churning action in the stomach and rhythmic contraction of the intestinal tract are:

(a) Absorption

(b) Adsorption

(c) Mechanical Processes

(d) Utilization

Answer: (c)

253. Dietary deficiencies of amino acids, carbohydrates and essential fatty acids have been linked to psychological disorder called _____.

(a) Depression

(b) Mental Pressure

(c) Fatigue

(d) Anxiety

Answer: (a)

254. According to NIN, about 1/5th of our diet which means how much % should be devoted to fats of all 3 kinds - polyunsaturated, monounsaturated and omega-3 fatty acids?

(a) 0.25

(b) 0.2

(c) 0.35

(d) 0.3

Answer: (b)

255. Which institute introduced The food g[illegible]id in 1992?

(a) National Institute of Nutrition (NIN)

(b) United States Department of Agriculture (USDA)

(c) Agricultural Marketing Service, U.S. Department of Agriculture(AMS)

(d) Agricultural Research Service, U.S. Department of Agriculture(ARS)

Answer: (b)

256. The numerous chemicals, tested and permitted by law to be added to food, are called:

(a) Artificial Colours

(b) Food Additives

(c) Convenience food

(d) Adulterated Foods

Answer: (b)

257. _____ comprises a set of techniques that can provide analytical information of the sensory attribute of food or nonfood products to define the technical specification of the product and the hedonic perception of that product as defined by the user/consumer.

(a) Food Analysis
(b) Sensory Evaluation
(c) Food Preferences
(d) Food Standards

Answer: (b)

258. Which one of the following is the example of water in oil emulsion?

(a) Margarine
(b) Mayonnaise
(c) Cream soups
(d) Ice cream

Answer: (a)

259. Bread crust lacks in which nutrient as compared to the crumb?

(a) Carbohydrate
(b) Fat
(c) Protein
(d) Vitamins

Answer: (c)

260. What is the full form of RDA?

(a) Required Dietary allowances
(b) Recommended Dietary Allowances
(c) Rapid acting Dietary Allowances
(d) Routine Dietary Allowances

Answer: (b)

Discipline9

261. What is the medium of all cell fluids, including digestive juices, lymph, blood, urine and perspiration?

(a) Protein
(b) Water
(c) Solvents
(d) Minerals

Answer: (b)

262. Which nutrient is the most abundantly present in humans, representing 52% of the body's mineral content and amounting to 1.2% of body weight?

(a) Potassium
(b) Sodium
(c) Calcium
(d) Phosphorus

Answer: (c)

263. Which are the two components the body is composed of?

(a) Body Mass Index and Ideal Body Weight
(b) Anthropometric Measures and Body Mass Index
(c) Height and Weight
(d) Fat Mass and Fat Free Mass

Answer: (d)

264. A type of chemical found in small amounts in plants and certain foods (such as fruits, vegetables, nuts, oils, and whole grains) that performs actions in the body that may promote good health.

(a) Bioactive Substances
(b) Biochemical Substances
(c) Peptide Substances
(d) Non Biochemical Substances

Answer: (a)

265. The deficiency symptoms which were ...en ir... ilors led to the discovery of which Vitamin?

(a) Vitamin E
(b) Folic Acid
(c) Vitamin C
(d) Pyridoxine

Answer: (c)

266. Among the given Vitamins which one is the fat soluble vitamins that refers to a sub-group of retinoids that possess the biological activity of all- trans- retinol?

(a) Vitamin - B12
(b) Vitamin- K
(c) Vitamin - A
(d) Vitamin - E

Answer: (c)

267. A diet which is a quantitative/ qualitative modified version of a basic nutritious diet which has been tailored to suit the changing nutritional needs of a patient/ disease condition is called:

(a) Clinical Diet
(b) Nutritious Diet
(c) Therapeutic Diet
(d) Healthy Diet

Answer: (c)

268. Therapeutic Diet is-

(a) Food that is served in airplanes
(b) Milk shakes provided at gyms
(c) a meal plan that controls the intake of certain foods or nutrients
(d) Diet during Lactation

Answer: (c)

269. Which method of eating is recommended when oral feeding is not possible?

(a) Enteral and Par-enteral Feeding
(b) Spoon Feeding
(c) Supplements Feeding
(d) Injection Feeding

Answer: (a)

270. The condition when stomach acid frequently flc back into the esophagus is called:

(a) Peptic Ulcer
(b) Gastroesophageal reflux disease
(c) Dysphagia
(d) Diverticular disease

Answer: (b)

271. According to ICMR, how much Energy and Protein is present in the normal hospital diet given in hospitals to a patient?

(a) 2000-2100 kcal , 40-45gm Protein
(b) 1700-1800 Kcal , 50-55gm Protein
(c) 1900-2000kcal , 40gm Protein
(d) 1600-2200Kcal , 40-70gm Protein

Answer: (d)

272. Which diet is given to all patients who cannot eat via digestive system (mouth to stomach feeding)?

(a) Hospital Nutrition
(b) Enteral Nutrition
(c) Total Par-enteral Nutrition
(d) Tubular Nutrition

Answer: (c)

273. A polymeric mixture supplied commercially while tube feeding is called -
(a) Supplements
(b) Complan
(c) Liquid Diet
(d) Natural Food Juices
Answer: (b)

274. From the given options, which of them are hydrophilic and are dispersed in solution as colloids?
(a) Bleaching and Maturing Agents
(b) Emulsifiers
(c) Stabilizers and Thickeners
(d) Antioxidants
Answer: (c)

275. What is considered as a good indicator of the quality in addition to giving pleasure?
(a) Colour
(b) Texture
(c) Size
(d) Taste
Answer: (a)

276. Genetic background of a particular species is re[illegible]nsible for its which parameter?
(a) Texture Parameter
(b) Size
(c) Nutritive Parameter
(d) Quality Parameter
Answer: (d)

277. Mushrooms could contain-
(a) Bacterial Spores
(b) C. Botulinum
(c) Coliform
(d) Rodents
Answer: (b)

278. What is the full form of GMP?
(a) Goods Manufacturing Practice
(b) Grey Market Premium
(c) General Merit Private
(d) Guanosine Mono Phosphate
Answer: (a)

279. According to FSIS HACCP, _____ is defined as any biological, chemical, or physical property that may cause a food to be unsafe for human consumption.

(a) Adulteration
(b) Food Safety Hazard
(c) Chemical Mixing
(d) Bacterial Infection

Answer: (b)

280. In the centimetre gram second system of unit (CGS unit) force is expressed in which form?

(a) Newton
(b) Dyne
(c) Kilojoule
(d) Mass ÷ weight

Answer: (b)

Teaching Methodology

281. Which type of thinking is careful and deliberate determination of whether to accept, reject, or suspend judgment?

(a) Abstract Thinking
(b) Reflective Thinking
(c) Critical Thinking
(d) Logical Thinking

Answer: (c)

282. In which stage of Group Dynamics, the g[illegible]chieves optimum efficiency and work gets done?

(a) Norming
(b) Performing
(c) Storming
(d) Mourning

Answer: (b)

284. A recipe tells us how to prepare a particular cuisine item. Name this type of text.

(a) Reflexive Text
(b) Informative Text
(c) Persuasive Text
(d) Instructive Text

Answer: (d)

285. Read the following options and select the appropriate option regarding its truthfulness.
Statement I - Managerial Questions: Questions framed and used to keep the classroom operations moving.
Statement II - Rhetorical Question: A series of question that ideally require the students to go beyond the initial response.

(a) Both Statements are False

(b) Both Statements are True

(c) Only Statement I is True

(d) Only Statement II is True

Answer: (c)

286. _____ was recognised as the focal point of language production in which a finite set of rules can produce an infinite number of sentences.

(a) Semantics

(b) Syntax

(c) Schema

(d) Phonetics

Answer: (b)

287. Who's requirements were fulfilled by the grants given to the temples and they used to spend their time in worship of God and by singing and dancing for the God?

(a) Devdasis

(b) Widow

(c) Unmarried woman

(d) Spinster

Answer: (a)

288. A generalised view or preconception about attributes or characteristics that are or ought to be possessed by members of a particular social group or the roles that are or should be performed by, members of a particular social group. What is this called?

(a) Socialist Feminism

(b) Mainstreaming

(c) Parity

(d) Stereotypes

Answer: (d)

289. Which approach is prominently featured in the concept of gender parity, the notion that an equal proportion of girls and boys should be enrolled in and complete schooling?

(a) Gender Dynamics

(b) Human rights-based approach

(c) Women in Development Approach

(d) Gender in Development Approach

Answer: (c)

290. Which type of examinations are considered an egalitarian way of choosing worthy applicants without risking influence peddling, favoritism or other concerns?

(a) Online examinations

(b) Competitive examinations

(c) Computer-Based examination

(d) Open Book Examination

Answer: (b)

291. What is an index relationship between two or more variables and usually designated by 'r' and its coefficient ranges always between - 1 and +1?

(a) Co-efficient of Correlation

(b) Co-efficient of Median

(c) Co-efficient of Mean

(d) Co-efficient of Standard Deviation

Answer: (a)

292. _____ validity is the characteristics which appear to measure those which are actually sought to be measured.

(a) Simple

(b) Content

(c) Predictive

(d) Face

Answer: (d)

293. Which disorder among the following is characterized by shifts in mood as well as changes in activity and energy levels, involves experiencing shifts between elevated moods and periods of depression?

(a) Hypomania

(b) Mania

(c) Bipolar disorder

(d) Schizophrenia

Answer: (c)

294. Read the following options and select the appropriate option regarding its truthfulness.
Statement I - Autism spectrum disorder is characterized by persistent deficits in social interaction and communication in multiple life areas as well as restricted and repetitive patterns of behaviors.
Statement II - Attention-deficit hyperactivity disorder is characterized by a persistent pattern of hyperactivity-impulsivity and/or inattention that interferes with functioning and presents itself in two or more settings such as at home, work, school, and social situations.

(a) Both Statements are False

(b) Both Statements are True

(c) Only Statement I is True

(d) Only Statement II is True

Answer: (b)

295. People experiencing _____ often avoid situations that might trigger an anxiety attack.

(a) Agoraphobia

(b) Panic Disorder

(c) Separation Anxiety Disorder

(d) Generalised Anxiety Disorder

Answer: (a)

296. From which age in Kohlberg's Moral Development Theory, the controlling forces for making judgement are highly internalised?

(a) 6 years onwards

(b) 8 years onwards

(c) 10 years onwards

(d) 13 years onwards

Answer: (d)

297. Which type of teaching occurs when students take turns leading the class discussion?

(a) Analogical teaching

(b) Co-operative learning

(c) Reciprocal teaching

(d) Group learning

Answer: (c)

298. Which theory states that each person has a uni[illegible] frame of reference which develops out of his experiences with the environment?

(a) Trait approach

(b) Humanistic approach

(c) Life-span approach

(d) Constitutional approach

Answer: (b)

299. How many types of drama methodologies are adopted by teachers depending on the class, the competence of the teacher and the content that is being taught?

(a) Two

(b) Three

(c) One

(d) Four

Answer: (a)

300. Which type of drama session resembles a recipe, with a series of steps that produce a selected learning outcome?

(a) Open-ended Drama

(b) Holistic Drama

(c) Process-oriented Drama

(d) Linear Drama

Answer: (d)

Answer key

Answer key from the Delhi Subordinate Services Selection Board's official answer key for this sitting. "—" means the key gave none.

Mental Ability

1	**(b)**	2	**(b)**	3	**(d)**	4	**(c)**	5	**(d)**	6	**(a)**
7	**(a)**	8	**(b)**	9	**(b)**	10	**(c)**	11	**(b)**	12	**(b)**
13	**(c)**	14	**(a)**								

General Awareness

21	**(c)**	22	**(d)**	23	**(c)**	24	**(a)**	25	**(a)**	26	**(d)**
27	**(c)**	28	**(c)**	29	**(a)**	30	**(b)**	31	**(d)**	32	**(b)**
33	**(a)**	34	**(a)**	35	**(c)**	36	**(b)**	37	**(c)**	38	**(a)**
39	**(a)**	40	**(b)**								

Arithmetic Ability

41	**(c)**	42	**(b)**	43	**(a)**	44	**(c)**	45	**(d)**	46	**(d)**
47	**(d)**	48	**(a)**	49	**(d)**	50	**(a)**	51	**(d)**	52	**(c)**
53	**(c)**	54	**(b)**	55	**(b)**	56	**(a)**	57	**(c)**		

General English

61	**(c)**	62	**(a)**	63	**(c)**	64	**(b)**	65	**(b)**	66	**(a)**
67	**(b)**	68	**(d)**	69	**(c)**	70	**(c)**	71	**(b)**	72	**(c)**
73	**(c)**	74	**(d)**	75	**(d)**	76	**(c)**	77	**(d)**	78	**(b)**
80	**(c)**										

Discipline1

101	**(c)**	102	**(a)**	103	**(a)**	104	**(d)**	105	**(c)**	106	**(d)**
107	**(b)**	108	**(c)**	109	**(d)**	110	**(b)**	111	**(c)**	113	**(a)**
114	**(b)**	115	**(d)**	116	**(b)**	118	**(b)**	119	**(d)**	120	**(a)**

Discipline2

121	**(c)**	122	**(a)**	123	**(b)**	124	**(a)**	125	**(c)**	126	**(b)**
127	**(c)**	128	**(b)**	129	**(c)**	130	**(d)**	131	**(a)**	132	**(c)**
133	**(a)**	134	**(b)**	135	**(a)**	136	**(b)**	137	**(a)**	138	**(c)**
139	**(b)**	140	**(a)**								

Discipline3

141	**(b)**	142	**(a)**	143	**(b)**	144	**(c)**	145	**(a)**	146	**(a)**
147	**(c)**	148	**(d)**	149	**(c)**	150	**(a)**	151	**(c)**	152	**(d)**
153	**(b)**	154	**(a)**	155	**(c)**	156	**(b)**	157	**(c)**	158	**(b)**
159	**(d)**	160	**(c)**								

Discipline4

161	**(a)**	162	**(b)**	163	**(c)**	164	**(c)**	165	**(a)**	166	**(b)**
167	**(d)**	168	**(b)**	169	**(d)**	170	**(c)**	171	**(d)**	172	**(c)**
173	**(d)**	174	**(c)**	175	**(b)**	176	**(c)**	177	**(b)**	178	**(a)**
179	**(c)**	180	**(b)**								

Discipline5

181	**(c)**	182	**(c)**	183	**(b)**	184	**(a)**	185	**(b)**	186	**(b)**	187	**(b)**	188	**(d)**
189	**(c)**	190	**(b)**	191	**(c)**	192	**(b)**	193	**(b)**	194	**(a)**	195	**(c)**	196	**(b)**
197	**(c)**	198	**(a)**	199	**(a)**	200	**(b)**								

Discipline6

201	**(a)**	202	**(d)**	203	**(a)**	204	**(b)**	205	**(d)**	206	**(d)**	207	**(b)**	208	**(d)**
209	**(b)**	210	**(c)**	211	**(a)**	212	**(d)**	213	**(a)**	214	**(c)**	215	**(b)**	216	**(b)**
217	**(a)**	218	**(d)**	219	**(c)**	220	**(a)**								

Discipline7

221	**(a)**	222	**(c)**	223	**(b)**	224	**(a)**	225	**(c)**	226	**(d)**	227	**(a)**	228	**(b)**
229	**(c)**	231	**(c)**	232	**(b)**	233	**(a)**	234	**(b)**	235	**(c)**	236	**(a)**	237	**(c)**
238	**(d)**	239	**(b)**	240	**(a)**										

Discipline8

241	**(a)**	242	**(b)**	243	**(b)**	244	**(b)**	245	**(b)**	246	**(b)**	247	**(b)**	248	**(a)**
249	**(b)**	250	**(c)**	251	**(b)**	252	**(c)**	253	**(a)**	254	**(b)**	255	**(b)**	256	**(b)**
257	**(b)**	258	**(a)**	259	**(c)**	260	**(b)**								

Discipline9

261	**(b)**	262	**(c)**	263	**(d)**	264	**(a)**		**(c)**	266	**(c)**	267	**(c)**	268	**(c)**
269	**(a)**	270	**(b)**	271	**(d)**	272	**(c)**	3	**(b)**	274	**(c)**	275	**(a)**	276	**(d)**
277	**(b)**	278	**(a)**	279	**(b)**	280	**(**								

Teaching Methodology

281	**(c)**	282	**(b)**	284	**(d)**	285	**(c)**	286	**(b)**	287	**(a)**	288	**(d)**	289	**(c)**
290	**(b)**	291	**(a)**	292	**(d)**	293	**(c)**	294	**(b)**	295	**(a)**	296	**(d)**	297	**(c)**
298	**(b)**	299	**(a)**	300	**(d)**										