PREVIOUS YEAR PAPER

DSSSB Physical Education Teacher 2021 — 2 August 2021

DSSSB Other Posts · 2 August 2021

158 of the paper's 200 questions · +1 for a correct answer, −0.25 for a wrong one · 120 minutes

Left out of the original paper: 42 (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 2 August 2021. 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-other-posts/previous-year-papers/dsssb-other-posts-2021-physical-education-teacher-2-aug/

Mental Ability

1. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
TRC, VUH, XXM, ?, BDW

(a) ZRA
(b) ZAR
(c) YAR
(d) YRA

Answer: (b)

2. A series is given with one term wrong. Select the wrong term from the given alternatives.
VXL, AEV, FLD, KSM, PZV

(a) PZV
(b) FLD
(c) KSM
(d) AEV

Answer: (d)

3. In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

(a) TC – GX
(b) AZ – ZA
(c) LO – OL
(d) PC – KY

Answer: (d)

4. In the following question, select the related words from the given alternatives.
Stationery : Pencil :: Vehicle : ?

(a) Tyre
(b) Seat
(c) Road
(d) Scooter

Answer: (d)

5. In the following question, select the related letter pair from the given alternatives.
PRKC : JRYW :: ?

(a) ANLB : ISVH
(b) TVCJ : QJCZ
(c) RBAL : SHIA
(d) CMNX : EUTJ

Answer: (d)

6. In a certain code language, 'SEVEN' is written as 'SJAJX'. What is the code for 'PIZZA' in that code language?

(a) FENEU
(b) FUENE
(c) FEENU
(d) FEEUN

Answer: (c)

7. Number of wickets taken by six bowlers K, L, M, N and P are compared. Number of wickets taken by K are more than only the number of [illegible] taken by J. Number of wickets taken by N are less than only two bowlers. Number of wickets taken by M are not more than N. Who among the following has taken more wickets than N?

(a) M
(b) K
(c) J
(d) P

Answer: (d)

8. From amongst seven girls P, Q, R, S, T, U and V four girls have to be selected. V and Q should be selected together. Both R and P should be selected with T. U and S should not be selected together. S and R should be selected together. Who among the following may be selected?

(a) P, Q, R and S
(b) Q, R, S and T
(c) P, R, S and U
(d) R, S, T and P

Answer: (d)

9. Five persons P, Q, R, S and T are wearing one shirt from S1, S2, S3, S4 and S5 coloured t-shirt (not necessarily in the same order). Each of them are driving one car from D1, D2, D3, D4 and D5. No two person are wearing same coloured t-shirt and are not driving same car. R is wearing S4 coloured t-shirt. T is driving D1. D2 and D3 are not being driven by both P and S. The person wearing S2 coloured t-shirt is driving D5. Q and R are not driving D5 and D4 respectively. The persons wearing S1 and S3 coloured t-shirt are not driving D2 and D3 respectively. S is wearing S5 coloured t-shirt. D2 is not being driven by Q. Which of the following statement is correct?

(a) P and Q are wearing S2 and S3 coloured shirt respectively

(b) Q and S are driving D3 and D4 respectively

(c) T is wearing S1 coloured t-shirt and R is driving D5

(d) S is driving D4 and T is wearing S1 coloured t-shirt

Answer: (b)

10. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. Some bottle are cup.
II. No plate is bottle.
Conclusions:
I. No plate is cup.
II. No bottle is plate.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follows

(d) Neither conclusion follows

Answer: (b)

11. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. All pomegranate are white.
II. No grapes is pomegranate.
Conclusions:
I. Some white are pomegranate.
II. All white are grapes.
III. No pomegranate is grapes.

(a) Both conclusions I and II follows

(b) Only conclusion III follows

(c) Both conclusions I and III follows

(d) All conclusion follows

Answer: (c)

12. In the following question, select the missing number from the given series.
6, 19, 58, ?, 526

(a) 173
(b) 163
(c) 175
(d) 165

Answer: (c)

16. Suman is facing in north direction. She turns right and walks x km. She turns left and walks 3x km. she finally turns right and walks (x/2) km. In which direction is her starting point from the finishing point?

(a) North-east
(b) South
(c) South-west
(d) West

Answer: (c)

17. At 11 AM, A and B are facing towards each other. B found that his shadow is towards the right of A. In which direction is A facing?

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

Answer: (a)

General Awareness

21. Damru is a type of _____ vadya.

(a) Avnaddha
(b) Ghana
(c) Tata
(d) Sushira

Answer: (a)

22. Which of the following monument(s) is/are located in Rajasthan?
I. Jaigarh fort
II. Kumbhalgarh fort

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

Answer: (c)

23. Which of the following is/are the instruments of monetary policy?
I. Cash Reserve Ratio
II. Repo Rate

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

Answer: (c)

24. The difference between the borrowing and the lending rate in commercial banks is called _____.

(a) float
(b) spread
(c) profit
(d) credit

Answer: (b)

25. Which acid is found in Amla?

(a) Tartaric
(b) Ascorbic
(c) Lactic
(d) Formic

Answer: (b)

26. Which of the following statement is correct?
I. Mass remains same on earth and moon.
II. mass = weight × g

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

Answer: (a)

27. Cholera is caused by _____.

(a) fungus
(b) bacteria
(c) virus
(d) protozoa

Answer: (b)

28. Which of the following is correct regarding earthquake?
I. S waves are longitudinal.
II. L waves are transverse.

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

Answer: (d)

29. Which of the following countries are drained by Amazon basin?
I. Peru
II. Bolivia
III. Ecuador

(a) I and II
(b) II and III
(c) I and III
(d) I, II and III

Answer: (d)

30. Which of the following statement is correct about Aravali Hills?
I. They are highly eroded and broken hills.
II. They extend from Odisha to Delhi.

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

Answer: (a)

31. By which country the techniques of making silk was invented?

(a) Bangladesh
(b) India
(c) Pakistan
(d) China

Answer: (d)

32. In which year Irwin Pact was introduced?

(a) 1930
(b) 1922
(c) 1928
(d) 1931

Answer: (d)

33. In which year Babur defeated the Rajputs at Chanderi?
    (a) 1526
    (b) 1527
    (c) 1528
    (d) 1529
    Answer: (c)

34. What is the rank of India in Chandler Good Government Index released in April 2021?
    (a) 49
    (b) 56
    (c) 41
    (d) 32
    Answer: (a)

35. World's most powerful weather, climate-change forecasting super computer is to be built in _____.
    (a) USA
    (b) UK
    (c) France
    (d) Spain
    Answer: (b)

36. Who has been awarded with Padam Vibhushan [illegible] for public affairs?
    (a) Shinzo Abe
    (b) Tarun Gogoi
    (c) Ram Vilas Paswan
    (d) Keshubhai Patel
    Answer: (a)

37. Which article of Indian constitution is related with tenure of office of persons serving the union or a state?
    (a) 310
    (b) 323
    (c) 288
    (d) 146
    Answer: (a)

38. Article 323A of Indian Constitution is related to _____.
    (a) proclamation of emergency
    (b) suits and proceedings
    (c) administrative tribunals
    (d) official language of the union
    Answer: (c)

39. Who was man of the series in Border – Gavaskar trophy 2021?

(a) Ravindra Jadeja

(b) Pat Cummins

(c) Rohit Sharma

(d) Mathew Wade

Answer: (b)

40. Which of the following pair of sportsperson – sports is correct?
I. Ian Bishop – Cricket
II. Steffi Graf – Table Tennis

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (a)

Arithmetic Ability

43. What is the Highest Common Factor of 225, 0.30 and 15?

(a) 0.15

(b) 0.3

(c) 3

(d) 15

Answer: (b)

44. What is the product of A and B, if 2A45B[illegible]isible by 11 and the sum of A + B is equal to 9?

(a) 9

(b) 6

(c) 24

(d) 18

Answer: (d)

46. Selling price of an article is Rs. 4224. If 12 percent discount is given, then what is the marked price?

(a) 4600

(b) 4800

(c) 4200

(d) 4400

Answer: (b)

47. P is 4 times of Q. Q is how much percent less than P?

(a) 75
(b) 80
(c) 60
(d) 85

Answer: (a)

48. A 20 litres mixture of alcohol and water contains 20 percent alcohol. 12 litres water is added in the mixture. What is the new strength of alcohol in the mixture?

(a) 10 percent
(b) 20 percent
(c) 15 percent
(d) 12.5 percent

Answer: (d)

49. The ratio of cost price of first, second and third article is 5 : 8 : 7 respectively. A profit of 10 percent and 30 percent is earned on first and second article respectively and a loss of 40 percent is incurred on the third article. What is the overall profit/loss percentage on the three articles together?

(a) 0.5 percent profit
(b) 1.11 percent profit
(c) 2.22 percent loss
(d) 3.33 percent loss

Answer: (a)

50. If 5A = 3B and 4B = 5C, then what is th[illegible]lue [illegible]A : B : C?

(a) 4 : 5 : 3
(b) 5 : 3 : 4
(c) 3 : 5 : 4
(d) 15 : 20 : 25

Answer: (c)

51. The sum of the three number is 210. If the ratio of the first and second number is 5 : 6 and the ratio of second and the third number is 3 : 5, then what is the smallest number among three numbers?

(a) 60
(b) 10
(c) 50
(d) 100

Answer: (c)

52. A principal of Rs. 15000 is invested at simple interest for 5 years. If the per annum rate of interest is 20 percent, then what will be the amount after 5 years?

(a) Rs. 40000
(b) Rs. 30000
(c) Rs. 25000
(d) Rs. 27000

Answer: (b)

53. A truck left 4 hours early than the scheduled time and in order to reach its destination 560 km away on time, it had to decrease its usual speed by 16 km/hr. What is the usual speed of the truck?

(a) 56 km/hr
(b) 68 km/hr
(c) 40 km/hr
(d) 72 km/hr

Answer: (a)

General English

61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Feeding a growing human (1)/population would require improving (2)/ crop yield and quality. (3)/ No error (4)

(a) Feeding a growing human
(b) population would require improving
(c) crop yield and quality.
(d) No error

Answer: (b)

62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Today, the dollar is the (1)/ principle currency for (2)/settling international payments. (3)/ No error (4)

(a) Today, the dollar is the
(b) principle currency for
(c) settling international payments.
(d) No error

Answer: (b)

65. A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.
All his efforts have gone in _____ due to his right hand fracture.

(a) vain
(b) drain
(c) pain
(d) lame

Answer: (a)

66. A sentence has been given with a blank to be filled with an appropriate word/words. Choose the correct alternative.
Rabindranath Tagore is one of the greatest poets that _____ ever lived.

(a) has been
(b) has
(c) had been
(d) have

Answer: (d)

67. Rearrange the parts of the sentence in correct order.
Instant coffee is
P: moisture readily and must be kept dry Q: life than coffee beans, but it picks up R: brewed coffee, and it enjoys a longer shelf S: obviously quicker to make than

(a) PRSQ
(b) QPRS
(c) SRQP
(d) PRQS

Answer: (c)

68. Rearrange the parts of the sentence in the correct order.
P: and partly in reaction to the often sexist and misogynist Q: not until the second wave of feminism broke in the 1960s and early '70s, R: male-dominated underground comics, did women become conspicuous, S: both as creators and as strong and central characters

(a) RPQS
(b) SRPQ
(c) RPSQ
(d) QPRS

Answer: (d)

69. Choose the word that means the same as the given word.
Boast

(a) Demure
(b) Distract
(c) Brag
(d) Bloat

Answer: (c)

70. Choose the word that is opposite in meaning to the given word.
Arduous

(a) Dangerous
(b) Doable
(c) Vexations
(d) Recondite

Answer: (b)

71. In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

(a) Recognitionn
(b) Recoggnition
(c) Recognition
(d) Recognittion

Answer: (c)

72. In the given question, four words are given out of which one word is incorrectly spelt. Choose the incorrectly spelt word.

(a) Prosecuation
(b) Disadvantage
(c) Associate
(d) Participate

Answer: (a)

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

(a) To hide the murder weapon
(b) To be humiliated
(c) To stop quarrelling and become friends
(d) In under developing stage

Answer: (c)

74. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Hobson's choice

(a) No choice at all as there is only one thing to take
(b) Policy of cautions persistence
(c) Too many options to choose from
(d) To choose one of two options given

Answer: (a)

75. Choose the word that can substitute the given sentence.
The technique of communication by signs made with the fingers

(a) Gesticulation
(b) Dactylology
(c) Sinecure
(d) Creche

Answer: (b)

77. Which of the following statement is definitely true about Hypnosis?

(a) Hypnosis can last anywhere between a few seconds to over half an hour.

(b) All the people are hypnotizable, in hypnosis therapy.

(c) Hypnosis should not be used with cognitive behavioural therapy.

(d) Hypnotic therapy can help in losing weight in less number of days.

Answer: (a)

79. Which of the following statements is/are true about behavioural therapy?
I. Behavioural therapy along with hypnotic therapy is more effective for weight loss.
II. Hypnotic treatment is more effective than behavioural therapy for tobacco cessation.

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

Discipline1

101. While using formal calisthenic drills, emphasis should be on which of the following?
I. Aim to obtain good posture throughout the lesson
II. Aim to secure alertness in response to commands and body control in all movements III. Aim to produce general effects of exercise

(a) Only I

(b) II and III

(c) I, II and III

(d) Only III

Answer: (c)

102. Which of the following is/are important to evaluate in a teacher as elements of probable success?
I. Training
II. Experience
III. Personality

(a) I and II

(b) II and III

(c) I, II and III

(d) I and III

Answer: (c)

103. Which of the following is/are the sign(s) and symptom(s) of concussion?
I. Shallow Breathing
II. Cold and clammy skin
III. Rapid and weak pulse

(a) I and II
(b) I, II and III
(c) II and III
(d) Only III

Answer: (b)

104. Which of the following is/are the aim(s) of first aid?
I. To preserve life
II. To prevent the condition from worsening III. To promote recovery

(a) I, II and III
(b) II and III
(c) Only II
(d) Only III

Answer: (a)

105. How many types of epithelial tissues are there?

(a) Two
(b) Four
(c) Six
(d) Three

Answer: (d)

106. What is the full form of BMI?

(a) Body – Mass Index
(b) Back – Mass Index
(c) Body – Matter Index
(d) Back – Matter Index

Answer: (a)

107. Which of the following is not a plant source of protein?

(a) Pulses
(b) Dry Peas
(c) Dairy Products
(d) Groundnuts

Answer: (c)

108. ATP is the body's unit of energy. What is the full form of ATP?

(a) Adenosine Triphosphate

(b) Adenomone Triphosphate

(c) Adenosine Trophosphate

(d) Adenomate Triphosphate

Answer: (a)

109. Which of the following are the functions of Pre-Competition Meal?
I. It prevents hunger feelings during the event II. It provides enough glycogen storage
III. It gives positive psychological feeling IV. It prevents hypoglycemia (low blood sugar).

(a) II, III and IV

(b) I, II, III and IV

(c) I, III and IV

(d) III and IV

Answer: (b)

110. During the training, an athlete's energy expenditure is 4000 calories per day. Which of the following is/are correct about his nutritional requirement?
I. 600 gms carbohydrates per day
II. 150 gms protein per day
III. 111 gms approx. fats per day

(a) I and III

(b) II and III

(c) Only III

(d) I, II and III

Answer: (d)

111. In which year first modern Olympics took place in Greece?

(a) 1872

(b) 1901

(c) 1896

(d) 1906

Answer: (c)

112. "The Olympic games are pretty uncomfortable. You are scorched by the sun and crushed by the crowds. You get soaked when it rains. You are deafened by the constant noise. But its all worth it for the brilliant events you will see." This above statement is written by which of the following?

(a) Epictetus

(b) Epicurus

(c) Marcus Aurelius

(d) Diogenes

Answer: (a)

113. Human Physiology integrates aspects of _____ to explain biological events and their sites of occurrence.
I. chemistry
II. biology
III. physics
IV. nutrition

(a) I, II and III
(b) I, II, III and IV
(c) II, III and IV
(d) I and III

Answer: (b)

114. Which of the following statement(s) is/are correct about Lysosomes?
I. A lysosome is an organelle that contains enzymes that break down and digest unneeded cellular components.
II. Lysosomes are also important for breaking down foreign material.

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

Answer: (c)

115. Which of the following is/are the type(s) of musc' ssue?
I. Skeletal
II. Cardiac
III. Smooth

(a) I, II and III
(b) II and III
(c) Only II
(d) Only III

Answer: (a)

116. Which of the following statement(s) is/are correct about the vertebral column?
I. The vertebral and intervertebral discs together forms the vertebral column II. It is a flexible column that supports the head, neck and body and allows for their movements III. It originally develops a series of 33 vertebrae
IV. The adult vertebral column does not form a straight line, but instead has four curvatures along its length

(a) I, II and IV
(b) I, II, III and IV
(c) II, III and IV
(d) I, II and III

Answer: (b)

117. Which of the following is not a type of synovial joint?

(a) Saddle joint

(b) Pivot joint

(c) Ball-and-socket joint

(d) Synchondrosis joint

Answer: (d)

118. Which of the following statement(s) is/are correct about skeletal muscles?
I. When a muscle has a widespread extension over a sizable area, but then the fascicles comes to a single, common attachment point, that muscle is called convergent
II. The muscles in which fascicles are located on one side of tendon, are called unipennate muscles

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

119. Which of the following is/are not the type(s) of motor skills?
I. Sports skills
II. Fundamental skills

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (d)

120. 'The overload should not increase too rapidly. Rapid increase in overload may lead to injury or muscles damage.' This above statement describes which principle of sports training?

(a) The principle of Individual Differences

(b) The principle of Progression

(c) The principle of Specificity

(d) The principle of Variety

Answer: (b)

Discipline2

121. Before starting with flexibility training, it may be necessary to adhere to few guidelines. Which of the following is/are that/those guidelines?
I. Stretching exercises should be performed after thorough warm up to avoid injuries II. Maintain a good posture while performing flexibility exercises

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

122. The intensity of stimulus can be described by which of the following?
I. Frequency of movement
II. Speed in a cyclic exercise
III. Amount of load during muscle strength exercise

(a) I, II and III

(b) II and III

(c) Only III

(d) Only II

Answer: (a)

123. The training year or the time available for training can be divided into three periods – Preparatory period, Competition period and Transition Period. Which of the following statement is not correct about Preparatory period?

(a) The aim of this period is to concentrate on development of different factors on which sports performance depends

(b) This period is dominated by high intensity of stimulus but volume is medium

(c) This period covers 2/3 part of the total training

(d) This period is divided into two or three phases depending upon the total time available for training

Answer: (b)

124. When various practices are systematized and formed into a discipline employing such practices, then these systems are known as 'schools' of yoga. Which of the following are these systems?
I. Bhaktiyoga
II. Karmayoga
III. Hathayoga
IV. Layayoga

(a) I, II, III and IV

(b) II and III

(c) I, II and III

(d) III and IV

Answer: (a)

125. Which of the following is/are the classification(s) of yogic practices?
I. Pranayamas
II. Kriyas

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

126. Which of the following is/are not the region(s) of cleansing involved in various kriyas?
I. Intestinal
II. Nasopharyngeal

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

Answer: (d)

127. An official is someone who controls the actual play of a competition. Which of the following can be considered as an official?
I. Umpire
II. Referee

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

Answer: (c)

128. By which of the following way(s) sports coaches can help individuals focus their minds and hone their bodies?
I. Constructive Criticism
II. Motivation
III. Expert Tutoring

(a) I and II
(b) I, II and III
(c) II and III
(d) II

Answer: (b)

129. An athlete might consider hiring a sports coach to help him/her in which of the following?
I. Starting a new sport
II. Improving his/her game

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

Answer: (c)

130. Which of the following is/are the Pre-game duties of an official?
I. If necessary, the official may inspect the uniform of the team and instructions may be given to them accordingly.
II. All equipments needed or other items required should be brought to the ground so that there is no delay before or during the course of the game.
III. If possible, a meeting of the coaches and captains may be called so that necessary instructions regarding the game may be given.

(a) I, II and III

(b) II and III

(c) I and III

(d) Only III

Answer: (a)

131. Which of the following should be the qualities of a coach?
I. Ability to assess potential in candidates II. Ability to observe analytically
III. Personality and Character
IV. Imagination

(a) I, II and IV

(b) I, II, III and IV

(c) II, III and IV

(d) I, II and III

Answer: (b)

132. In sprints, sitting start is known as crouch start. Which of the following are the types of crouch start?
I. Elongated start
II. Bunch or Bullet start
III. Medium start

(a) I, II and III

(b) II and III

(c) I and III

(d) I and II

Answer: (a)

133. In sprinting, the angles of front and rear blocks should be _____ and _____ respectively.

(a) 90 degrees; 45 degrees

(b) 60 degrees; 45 degrees

(c) 45 degrees; 60 degrees

(d) 45 degrees; 90 degrees

Answer: (c)

134. Hurdle race is a combination of _____.
I. Walking
II. Running
III. Jumping

(a) I and III
(b) II and III
(c) I and II
(d) I, II and III

Answer: (b)

135. In which year triple jump was included in Olympics?

(a) 1836
(b) 1896
(c) 1869
(d) 1879

Answer: (b)

136. Which of the following topic(s) is/are included in educational psychology?
I. Individual differences
II. Development psychology
III. Learning theory

(a) I, II and III
(b) Only II
(c) II and III
(d) I and II

Answer: (a)

137. Which of the following is not of special interest to sports psychologists of today?

(a) Self-confidence
(b) Anxiety
(c) Demotivation
(d) Team cohesion

Answer: (c)

138. Which of the following is/are the general principle(s) of growth and development?
I. Mental growth is dependent upon changed structure II. Growth in some direction is inevitable
III. Growth stages follow a patterned trajectory
IV. Growth is an outcome of interaction between the organism and its environment

(a) II, III and IV
(b) I, II, III and IV
(c) II and IV
(d) Only III

Answer: (b)

139. Which of the following is/are the general response(s) of an infant?
I. Visual fixation on light
II. Shedding tears

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

Answer: (c)

140. _____ is/are peculiarity(es) of later childhood behaviour.
I. Whistling
II. Stoning streetlamps

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

Answer: (c)

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141. In what way(s) surveys on the personality of superior athletes over the time has convinced the sport scientists?
I. Psychologically, elite athletes are a distinct categor[illegible] people who are capable of performing under most stressful conditions II. Top athletes are s[illegible]eticulously trained that they become master of their sport as they move up in their performance [illegible]ndard

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

Answer: (c)

142. 'Aman is a physical education chairperson and he does not provide active leadership. He believes that problems will solve themselves if given time'. This statement describes which traditional theory(ies) of philosophical and theoretical managerial orientation?
I. Laissez – Faire
II. Democratic
III. Authoritarian

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

Answer: (a)

143. Which of the following combination(s) is/are not correct?
I. Short-term budget - One year period II. Long-term budget - Five or ten year period

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

Answer: (d)

144. Which of the following is/are the basic steps in the budget preparation process?
I. Planning
II. Coordinating
III. Presenting
IV. Approving

(a) I, II and III
(b) I, II, III and IV
(c) II and III
(d) I and IV

Answer: (b)

145. The managers drawing the strategies plans should have knowledge and awareness about which of the following?
I. Economy
II. Social evolutions

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

Answer: (c)

146. Which of the following is/are the function(s) of joints?
I. To join bones together while controlling the motion allowed between them II. To transfer forces between bones

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

Answer: (c)

147. When the torque created by the active muscle on either limb at a joint is in the direction opposite the rotation of the limb, then _____ occurs.
I. Eccentric contraction
II. Isometric contraction
III. Concentric contraction

(a) II and III
(b) Only I
(c) Only II
(d) Only III

Answer: (b)

148. The location of center of gravity of human body depends on the position of _____.

(a) heart
(b) liver
(c) limbs
(d) lungs

Answer: (c)

150. The radian unit of measure for an angle is really a ratio of _____.

(a) Arc length / Diameter
(b) Arc length / Radius
(c) Radius / Arc length
(d) Diameter / Radius

Answer: (b)

151. Which of the following is/are the significa[illegible]els of organisational effectiveness?
I. System resource model
II. Goal model
III. Multiple constituency model
IV. Process model

(a) I, II and IV
(b) I, II and III
(c) I, II, III and IV
(d) II and IV

Answer: (c)

152. Which of the following measure(s) help in prevention and control of communicable diseases?
I. Wash hands before touching food or water and before eating or drinking II. Cutting nails and washing hairs regularly
III. Wash hands with soap and water before touching your face, eyes and mouth

(a) I, II and III
(b) Only II
(c) I and III
(d) II and III

Answer: (a)

153. First aid for strains, sprains and contusions is packaged in the abbreviation RICE (Rest, Icing, Compression and Elevation). Which of the following statement(s) is/are not correct about compression?

(a) Use elasticised bandage, compression sleeve or cloth

(b) Hastens healing time by reducing swelling around injury

(c) Increases seeping of fluid into injured area from adjacent tissues

(d) Wrap injured part firmly

Answer: (c)

154. Components of environmental studies includes _____.
I. anthropology
II. statistics

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

155. When ancient plants and animals were converted into underground fossil fuels, then in which form minerals were formed?
I. Oil
II. Gas
III. Coal

(a) II and III

(b) I and III

(c) Only II

(d) I, II and III

Answer: (d)

156. Why do we use energy?
I. For household use
II. For agriculture
III. For production of industrial goods

(a) I and III

(b) Only II

(c) I, II and III

(d) Only I

Answer: (c)

157. Volcanoes are one of the natural causes of air pollution. Volcanoes does not release _____.
I. Sulphur
II. Ash

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

Answer: (d)

158. Soils with approximately equal mixture of _____ are called loams.
I. humus
II. slit
III. sand

(a) I and III
(b) I, II and III
(c) II and III
(d) I and II

Answer: (b)

159. Which of the following statement(s) is/are not correct?
I. In classroom setting, a teacher requires perfect communication skills whereas on the sports field more perfect demonstrative skills can effect better learning
II. A physical educator must be an expert demonstrator whereas a classroom teacher must be a perfect communicator

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

Answer: (d)

160. Set drills involving _____ emphasise the value of demonstration, observation and by-count practice in the beginning followed by command method.
I. Wands
II. Hoops
III. Flags

(a) I, II and III
(b) Only II
(c) I and III
(d) I and II

Answer: (a)

Discipline4

161. The judicious use of teaching aids makes the _____ of student's learning increase substantially.
I. quality
II. quantity

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

162. Which of the following is/are the principle(s) of lesson planning?
I. Warming up
II. Continuity of the lesson
III. Progression
IV. Age and sex

(a) I, II and III

(b) I, II, III and IV

(c) II and IV

(d) Only III

Answer: (b)

163. A general lesson plan should consist of special activities. Special activities are known for their novelty and complexity. Which of the following is/are the special activities?
I. Boxing, wrestling and Judo
II. Track and field events
III. Variety of tumbling exercises
IV. Dancing and rhythmic and efficiency te

(a) I, II, III and IV

(b) II and III

(c) II, III and IV

(d) I, II and III

Answer: (a)

164. Control of _____ requires profuse use of the command method.
I. morning assemblies
II. parades
III. march-pasts

(a) I and III

(b) Only II

(c) I and II

(d) I, II and III

Answer: (d)

165. In physical education, learning-by-doing is fundamental to all activities such as _____.
I. combatives
II. drills
III. exercises
IV. marching

(a) II, III and IV

(b) Only IV

(c) II and IV

(d) I, II, III and IV

Answer: (d)

166. When applying demonstration in teaching, which of the following points should be kept in mind?
I. Using standard form and procedure, demonstrate skill at operating speed (neither too fast nor too slow) II. Do not disturb the order of presentation
III. Know your activity and teaching progression

(a) I, II and III

(b) II and III

(c) Only II

(d) I and II

Answer: (a)

167. Physical Education is important for _____.
I. Social Adjustment
II. Intellectual Development

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

168. For the first time in _____, the Indian Education Commission recommended physical training in school education.

(a) 1833

(b) 1870

(c) 1892

(d) 1882

Answer: (d)

169. In medieval period, two cults were famous. Which of the following was/were the cult(s)?
I. Bhakti cult
II. Natha cult

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

170. Patanjali explained 8 parts of yog. Which of the following is/are those part(s)?
I. Pranayama
II. Niyama
III. Dhyana
IV. Samadhi

(a) I, II and IV
(b) II, III and IV
(c) Only III
(d) I, II, III and IV

Answer: (d)

171. Which of the following is/are the philosophic basis of principles of physical education?
I. Insight
II. Anatomy
III. Experience

(a) I and II
(b) II and III
(c) I, II and III
(d) I and III

Answer: (d)

172. Which of the following statement(s) is/are correct?
I. Physical education should recognize that motor activity is never merely a physical exercise; it is also a social experience II. Physical education should play a responsible part in the shaping of social practices, customs and institutions

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

Answer: (c)

173. Newton's third law of motion is basically the _____.
I. law of action – reaction
II. law of acceleration
III. law of inertia

(a) Only I
(b) Only II
(c) Only III
(d) Neither I nor II nor III

Answer: (a)

174. Which of the following is/are the principle(s) of organisation in sports management?
I. There should be proper decentralisation
II. There should be proper delegation of power at various levels III. The channels of communication should be well knit and laid both horizontally and vertically

(a) I, II and III

(b) Only II

(c) I and III

(d) Only III

Answer: (a)

175. Which of the following is/are the popular motor fitness tests used all over the world to determine people's level of fitness in different situations?
I. Indiana motor fitness test
II. M.S.W.A physical performance test

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

176. In a long jump the take-off has to be made from a _____ cm wide board.

(a) 30

(b) 20

(c) 25

(d) 35

Answer: (b)

177. In pole vault, competitors jump over a _____ meters long horizontal bar.

(a) 3.5

(b) 4.5

(c) 5.5

(d) 6.5

Answer: (b)

178. Which of the following are the types of swimming event?
I. Backstroke
II. Breaststroke
III. Butterfly

(a) I and II

(b) II and III

(c) I and III

(d) I, II and III

Answer: (d)

179. In gymnastics, the distance between pommels is minimum _____ cm and maximum _____ cm.

(a) 40; 45
(b) 45; 50
(c) 35; 40
(d) 30; 35

Answer: (a)

180. How many players are there in a team of baseball?

(a) 8
(b) 9
(c) 10
(d) 11

Answer: (b)

Discipline5

181. In a hockey match, there are 4 quarters of _____ minutes.

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

Answer: (a)

182. The men's javelin must be _____ meter long.

(a) 2.1 to 2.3
(b) 2.9 to 3.1
(c) 2.4 to 2.5
(d) 2.6 to 2.7

Answer: (d)

183. What is the weight of metal disk for men in discus throw?

(a) 1.8 kg
(b) 2 kg
(c) 2.5 kg
(d) 1.75 kg

Answer: (b)

184. What is the height of each hurdle in men's 110 meters hurdle race?

(a) 107 cm
(b) 100 cm
(c) 115 cm
(d) 98 cm

Answer: (a)

185. Which of the following is correct regarding a badminton match?

(a) Best of three games to 21 points

(b) Best of five games to 11 points

(c) Best of three games to 15 points.

(d) Best of five games to 15 points.

Answer: (a)

186. What is the length of a table tennis table?

(a) 2.50 metres

(b) 2.74 metres

(c) 2.96 meters

(d) 1.84 meters

Answer: (b)

187. A squash match is normally the best of _____ games, but may be the best of _____ games.

(a) 5; 3

(b) 7; 5

(c) 3; 1

(d) any number of; 5

Answer: (a)

188. First generation of computers was _____.

(a) 1942 – 1955

(b) 1955 – 1964

(c) 1948 – 1961

(d) 1952 – 1970

Answer: (a)

189. 1 megabyte = _____ bytes

(a) 524288

(b) 1048576

(c) 2097152

(d) 262144

Answer: (b)

190. Which of the following is a shortcut to copy selected text in MS Word?

(a) Ctrl + K

(b) Ctrl + C

(c) Shift + K

(d) Shift + C

Answer: (b)

191. Which of the following short cut is used to apply filters in MS Excel sheet?

(a) Ctrl + F

(b) Ctrl + L

(c) Ctrl + Shift + F

(d) Ctrl + Shift + L

Answer: (d)

192. Which of the following are found under the Insert tab of MS Powerpoint?
I. Shapes
II. Table
III. Charts

(a) I and II

(b) II and III

(c) I and III

(d) I, II and III

Answer: (d)

193. Which of the following is an input device?
I. Keyboard
II. Mouse

(a) Only I

(b) Only II

(c) Both I and II

(d) Neither I nor II

Answer: (c)

194. In all AIBA open boxing Elite and Youth Men's and Women's Competitions, the Bouts must consists _____ rounds of _____ minutes each.

(a) 3; 5

(b) 3; 3

(c) 5; 3

(d) 5; 5

Answer: (b)

195. In a karate match YUKO means _____ points.

(a) 1

(b) 2

(c) 3

(d) 4

Answer: (a)

196. In kabaddi, in each team _____ players will take the ground at a time.

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

Answer: (c)

197. Which of the following is/are a fundamental skill(s) of Lezim?
I. Char Thoke
II. Aath Thoke

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

Answer: (c)

198. How many players play a basketball match in one team?

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

Answer: (a)

199. Which of the following is correct about the dur n of a netball match?

(a) 2 halves of 20 minutes each
(b) 4 quarters of 15 minutes each
(c) 4 quarters of 10 minutes each
(d) 2 halves of 30 minutes each

Answer: (b)

200. Which of the following is a shortcut to open an existing file in MS Word?

(a) Ctrl + E
(b) Ctrl + O
(c) Shift + O
(d) Shift + E

Answer: (b)

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	**(d)**	3	**(d)**	4	**(d)**	5	**(d)**	6	**(c)**	7	**(d)**	8	**(d)**
9	**(b)**	10	**(b)**	11	**(c)**	12	**(c)**	16	**(c)**	17	**(a)**				

General Awareness

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

Arithmetic Ability

43	**(b)**	44	**(d)**	46	**(b)**	47	**(a)**	48	**(d)**	49	**(a)**	50	**(c)**	51	**(c)**
52	**(b)**	53	**(a)**												

General English

61	**(b)**	62	**(b)**	65	**(a)**	66	**(d)**	67	**(c)**	68	**(d)**	69	**(c)**	70	**(b)**
71	**(c)**	72	**(a)**	73	**(c)**	74	**(a)**	75	**(b)**	77	**(a)**	79	**(c)**		

Discipline1

101	**(c)**	102	**(c)**	103	**(b)**	104	**(a)**	[illegible]	**(d)**	106	**(a)**	107	**(c)**	108	**(a)**
109	**(b)**	110	**(d)**	111	**(c)**	112	[illegible]	113	**(b)**	114	**(c)**	115	**(a)**	116	**(b)**
117	**(d)**	118	**(c)**	119	**(d)**	120	**(b)**								

Discipline2

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

Discipline3

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

Discipline4

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

Discipline5

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