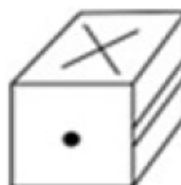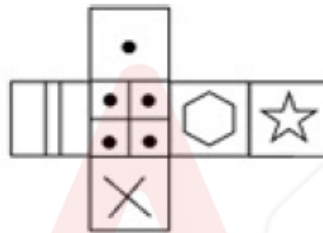1. Find the missing number in the following number series.
    –12, –6, _____, 9, 18
    1. 0
    2. 1
    3. 2
    4. –1
    Correct Answer – 1

2. Which of the following cubes in the answer figure CANNOT be made based on the unfolded cube in the question figure?

    1.

    2.

    3.

    4.

    Correct Answer – 3

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.

1. 435
2. 125
3. 375
4. 525

Correct Answer – 1

4. Which two numbers should be interchanged to make the below equation mathematically correct?

$7 + 16 \div 4 \times 3 - 5 = 10$

1. 7, 3
2. 3, 5
3. 7, 5
4. 4, 5

Correct Answer – 3

5. Select the option that is related to the third number on the same basis as the second number is related to the first number.

$0.14 : -7.143 :: 0.17 : ?$

1. 5.124
2. –5.124
3. –5.882
4. 5.882

Correct Answer – 3

6. A person walks 6 km towards north, then turns towards west and walks 3 km. He then turns left and walks 4 km, and then again turns left and walks for 3 km. Where is he standing now with respect to the starting point.

1. 2 km north
2. 4 km north
3. 2 km south
4. 4 km south

Correct Answer – 1

7. Which two signs should be interchanged to make the below equation mathematically correct?

$7 - 3 + 12 \div 2 \times 4 = 23$

1. +, −
2. ×, |
3. −, ×
4. −, ÷

Correct Answer – 3

8. If in a certain code language ABC means Party is amazing, DEC means amazing and fun, DF means fun loving, then what is the code for 'AND'?
   1. E
   2. D
   3. B
   4. C
   Correct Answer – 1

9. Two numbers are 40% and 60% respectively more than a third number. What is the ratio of first number is to second number?
   1. 8 : 7
   2. 5 : 6
   3. 2 : 3
   4. 7 : 8
   Correct Answer – 4

10. Read the given statement and conclusions carefully. Assuming that the information in the statement is true, even if they appear to be in variance with commonly known facts, select which of the conclusions logically follow(s) from the statement beyond reasonable doubt.
    Statements :
    I. All cars are trucks.
    II. Some trucks are buses.
    Conclusions :
    I. All buses are cars.
    II. Some cars are trucks.
    1. Only Conclusion II follows.
    2. Neither of the conclusion follows.
    3. Both I and II follows
    4. Only Conclusion I follows
    Correct Answer – 2

11. There are five friends - Seema, Krishna, Mansi, Ashi and Reema. Seema is shorter than Krishna, but taller than Reema. Mansi is the tallest. Ashi is a little shorter than Krishna and little taller than Seema. Who is the shortest among all?
    1. Reema
    2. Krishna
    3. Seema
    4. Ashi
    Correct Answer – 1

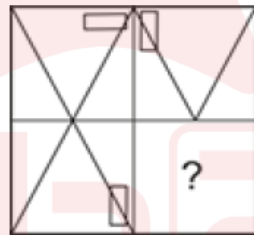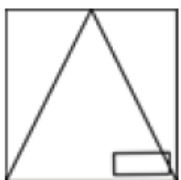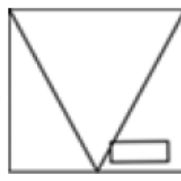**12.** Which of the following Venn diagrams best represents the relationship between stars, planets and moons?

1.

2.

3.

4.

Correct Answer – 1

13. Which answer figure will complete the pattern in the question figure?

1.

2.

3.

4.

Correct Answer – 1

14. Select the option that is related to the third term on the same basis as the second term is related to the first term.

TNE : WKH :: PMD : ?

1. BLJ
2. SPG
3. RKM
4. SJG

Correct Answer – 4

15. Some letters are numbered as 1, 2, 3, 4, 5 and 6. In the options, four possible arrangements of these numbers are given. Choose the option so that the letters form a meaningful word.

T	E	P	C	O	K
1	2	3	4	5	6

1. 153625
2. 324561
3. 354621
4. 653421

Correct Answer – 3

16. If a mirror is placed on the line MN, then which of the answer figures will be the right mirror image of the given figure?

1.

2.

3.

4.
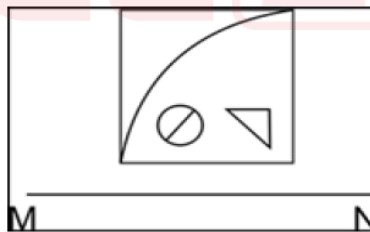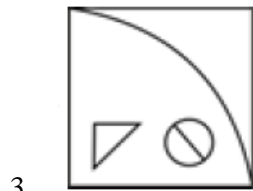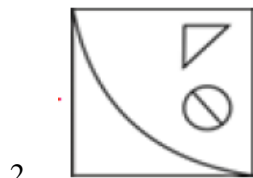
Correct Answer – 4

17. 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.
    1. NJR
    2. FBJ
    3. JMG
    4. PLT

    Correct Answer – 3

18. 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.

1.

2.

3.

4.
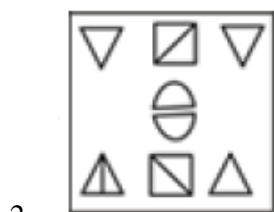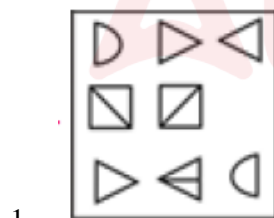
Correct Answer – 4

19. If 96431 is coded as 42110 then what will 65327 be coded as?
    1. 13658
    2. 56982
    3. 11006
    4. 20644

    Correct Answer – 3

20. 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.
    1. Manipr
    2. Itanagar
    3. Kohima
    4. Dispur

    Correct Answer – 1

21. With which of the following states Margamkali dance is associated?
    1. Rajasthan
    2. Assam
    3. Madhya Pradesh
    4. Kerala

    Correct Answer – 4

22. In which of the following states is the Supa Dam located?
    1. Karnataka
    2. Gujarat
    3. Assam
    4. Maharashtra

    Correct Answer – 1

23. What is the S.I. unit of electric current?
1. ampere
2. joule
3. newton
4. pascal

Correct Answer – 1

24. In which year was the Padma Award started?
1. 1954
2. 1953
3. 1950
4. 1952

Correct Answer – 1

25. The method of election of the president in Indian Constitution is borrowed from the constitution of _____.
1. France
2. USSR
3. Ireland
4. Britain

Correct Answer – 3

26. With which of the following amendments was Pondicherry incorporated into the Union of India?
1. 13
2. 12
3. 14
4. 21

Correct Answer – 3

27. Sohar folk music is related to which of the following state?
1. Himachal Pradesh
2. Jammu and Kashmir
3. Bihar
4. Madhya Pradesh

Correct Answer – 3

28. _____ is a tax imposed on manufactured goods which is levied at the time of manufacture, rather than sale.
1. Custom duty
2. Income tax
3. VAT
4. Excise tax

Correct Answer – 4

29. Jalliakattu, in which cattles are worshipped, is associated with which of the following states?
1. Andhra Pradesh
2. Himachal Pradesh
3. Tamil Nadu
4. Goa

Correct Answer – 3

30. In 1969, how many private banks were nationalised?
1. 10
2. 14
3. 8
4. 12

Correct Answer – 2

31. Which country does not form a part of the Middle East?
1. Iran
2. Yemen
3. Egypt
4. Panama

Correct Answer – 4

32. Who found the new face of the Indian Independence League in 1942 in Tokyo?
1. Jawaharlal Nehru
2. Mohan Singh
3. Subash Chandra Bose
4. Rash Behari Bose

Correct Answer – 4

33. Who was the last king of the Nanda Dynasty?
1. Panduka Nanda
2. Dhana Nanda
3. Kaivarta Nanda
4. Mahapadma Nanda

Correct Answer – 2

34. The _____ schedule of the Indian Constitution contains provisions for the allocation of seats in the Council of States.
1. Fourth
2. Tent
3. Third
4. Ninth

Correct Answer – 1

35. Which among the following teams was the first one to win the Hockey World Cup?
1. India
2. South Africa
3. England
4. Pakistan
Correct Answer – 4

36. The famous Bibi ka Maqbara in Aurangabad was built by _____.
1. Jahangir
2. Nur Jahan
3. Azam Shah
4. Shah Jahan
Correct Answer – 3

37. Which of the following enzymes converts starch to soluble sugars?
1. Amylase Enzyme
2. Betaine Enzyme
3. Bromelain Enzyme
4. Proteolytic Enzyme
Correct Answer – 1

38. When was World Trade Organisation (WTO) established?
1. 1995
2. 1998
3. 1990
4. 1997
Correct Answer – 1

39. Which among the following mountain ranges is located in Australia?
1. Drakensburg
2. The Great Dividing Range
3. The Alps
4. The Rockies
Correct Answer –2

40. Who among the following bowlers have taken the most wickets in their career during test matches?
1. Shane Warne
2. Anil Kumble
3. M. Muralitharan
4. Dale Steyn
Correct Answer – 3

41. X invested an amount of Rs. 16000 in a fixed deposit for 2 years at compound interest rate of 12% p.a. How much amount will he receive at maturity?
1. Rs. 19,200
2. Rs. 18,500
3. Rs. 18,540.6
4. Rs. 20,070.4

Correct Answer – 4

42. If A can do a work in 84 days and B is twice as efficient as A. In how many days more will the work be completed if B joins A on the 22nd day?
1. 10.5
2. 20
3. 16.5
4. 21

Correct Answer – 4

43. An error of 4% in excess is made while measuring each side of a square. What is the percentage of error in the calculated area of the square?
1. 4.04 percent
2. 7.135 percent
3. 6.09 percent
4. 8.16 percent

Correct Answer – 4

44. The slant height of a right circular cone is 25 cm and the height is 20 cm. What is the total surface area of the cone? (in cm^2 taking π=3.14 cm)
1. 1777 cm^2
2. 1884 cm^2
3. 1784 cm^2
4. 1888 cm^2

Correct Answer – 2

45. The following line graph shows the temperature recorded at different time intervals in a day. What is the highest percentage increase recorded?
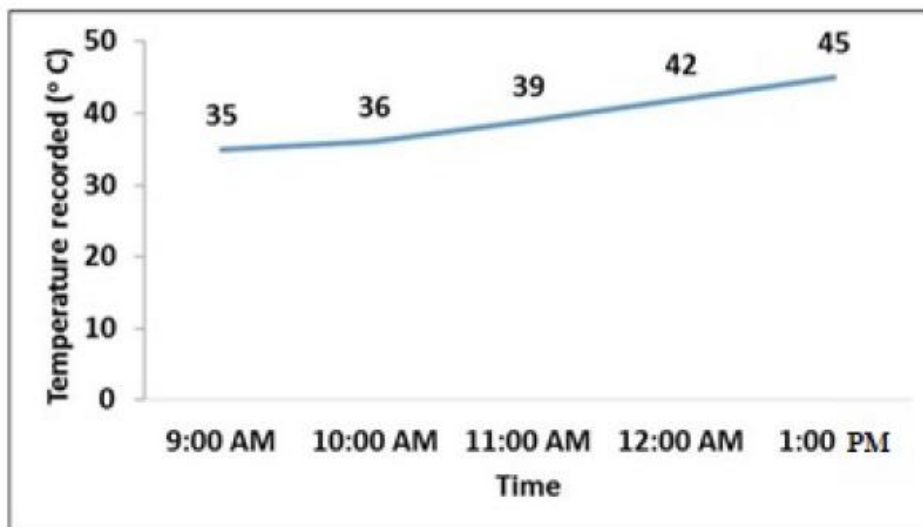
1. 10.5 percent
2. 8.33 percent
3. 9.67 percent
4. 5.62 percent
Correct Answer – 2

46. A and B together have Rs. 3000. If 2/3 of A's amount is equal to 4/9 of B's amount, how much does B have?
    1. Rs. 1500
    2. Rs. 1200
    3. Rs. 1950
    4. Rs. 1800
    Correct Answer – 4

47. In a flight of 1800 km, an aircraft was slowed down due to bad weather. Its average speed for the trip was reduced by 300 km/h and the time of flight was increased by 3 hours. What was the original duration of the flight?
    1. 1.5 hours
    2. 4 hours
    3. 3 hours
    4. 6 hours
    Correct Answer – 3

48. X bought goods worth Rs. 500. He gets a rebate of 8% on it. After getting the rebate, he pays sales tax @ 12.5%. What is the final amount that he has to pay?
    1. Rs. 520
    2. Rs. 517.5
    3. Rs. 512
    4. Rs. 515
    Correct Answer – 2

49. In the first 20 overs of a game, the run rate was 6.2, what should be the run rate in the next 30 overs to reach the target of 360 runs?
1. 7.92
2. 8.02
3. 7.87
4. 7.66

Correct Answer – 3

50. If 125/1.25 = 12.5/x, then what is the value of x?
1. 0.0125
2. 12.5
3. 0.125
4. 1.25

Correct Answer – 3

51. The marked price of an article is Rs. 1500. After allowing a certain discount, it is sold at Rs. 1320. Find the discount percentage?
1. 18 percent
2. 10 percent
3. 12 percent
4. 15 percent

Correct Answer – 4

52. A school has 800 students with the ratio of boys: girls being 3:2. 400 new students were given admission and the ratio changed to 13:7. Find the number of boys who had taken admission.
1. 280
2. 320
3. 350
4. 300

Correct Answer – 4

53. The following table shows the revenue generated by different projects (in 000s) over different years. What is the average revenue earned (in 000s) from the Project C and D?

Years	A	B	C	D
2014-15	120	150	180	130
2015-16	150	200	160	120
2016-17	180	210	190	160
2017-18	200	250	125	180
2018-19	175	225	200	150

1. Rs. 171 and Rs. 148
2. Rs. 120 and Rs. 180
3. Rs. 150 and Rs. 130

4. Rs. 151 and Rs. 128

Correct Answer – 1

54. A student scores 92% in an examination. His scores were 89, 99, 88, 92 in 4 subjects. Find his score in the 5th subject.
    1. 94
    2. 96
    3. 92
    4. 100

Correct Answer – 3

55. A batsman scored 90 runs in a cricket match. He hit 10 fours and 5 sixes during his innings. What percent of his runs was scored in boundaries?
    1. 83.33 percent
    2. 55.55 percent
    3. 77.77 percent
    4. 66.67 percent

Correct Answer – 3

56. If an article was bought for Rs. 800 and a repairing charge of Rs. 50 was paid for it and it is supposed to be sold at a profit of 25% on the marked price which is 50% added on the cost price. Find the required selling price.
    1. Rs. 1573.75
    2. Rs. 1673.25
    3. Rs. 1593.75
    4. Rs. 1623.25

Correct Answer – 3

57. A, B and C can do a job in 30, 40 and 48 days respectively. In how many days can A do the work if he is assisted by B and C every third day?
    1. 20.14
    2.
    3. 21.14
    4. 21

Correct Answer – 2

58. What is the least number that should be added to 2560 so that the sum is exactly divisible by 3, 5, 8 and 15?
    1. 80
    2. 100
    3. 60
    4. 40

Correct Answer – 1

59. Two numbers are in the ratio 2:3, 10 is subtracted from each of the numbers and the ratio becomes 3 : 5. Find the bigger number.
1. 60
2. 20
3. 60
4. 40
Correct Answer – 3

60. To fill a bucket, 25 mugs of water is required. How many mugs of water will be required to fill the bucket if the capacity of the mug is reduced to two-fifth of its present?
1. 60
2. 57.5
3. 62.5
4. 50
Correct Answer – 3

61. Select the word that is spelt correctly.
1. calendar
2. calendear
3. callender
4. calander
Correct Answer – 1

62. Replace the words in the bracket from the set of options given.
Jasmine lived in the town (since) 1997 to 2016.
1. in
2. with
3. from
4. within
Correct Answer – 3

63. The questions below consist of a set of labelled parts of a sentence. Out of four options given, select the most logical order of the parts which form a coherent sentence.
Plastic bags those
P : polluting them and
Q : reach the soil and water bodies,
R : are not disposed properly,
S : damaging dependent lives
1. QRPS
2. RQSP
3. QRSP
4. RQPS
Correct Answer – 4

64. What does the following idiom mean?
Pull yourself together
1. To go to sleep
2. To run out of patience
3. To get angry
4. To calm down
Correct Answer – 4

65. In the following statement, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, select the "No error" option.
(A) The thirteenth century, / (B) in China as in Europe, / (C) was a period of awakening.
(D) No error
1. C
2. D
3. A
4. B
Correct Answer – 2

66. Out of the four alternatives, choose the word which best expresses the meaning of the given word.
Boisterous
1. Rowdy
2. Calm
3. Idle
4. Sharp
Correct Answer – 1

67. In the following statement, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, select the "No error" option.
(A) A person I met / (B) in the streets yesterday / (C) was Yashi's friend./ (D) No error
1. B
2. C
3. D
4. A
Correct Answer – 4

68. Out of the four alternatives, choose the word which is OPPOSITE in meaning to the given word.
Dormant
1. Passive
2. Active
3. Asleep

4. Dead
Correct Answer – 4

69. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.
    1. Pernicios
    2. Perncois
    3. Perncious
    4. Pernicious
    Correct Answer – 4

70. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.
    1. Indicte
    2. Indict
    3. Indite
    4. Indit
    Correct Answer – 2

71. Fill in the blanks with the appropriate word.
    My friends were busy, so I _____ to the college alone
    1. go
    2. gone
    3. went
    4. going
    Correct Answer – 3

72. Replace the words in the bracket from the set of options given.
    Lalita spent an hour discussing (on Hamlet's character).
    1. of the character of Hamlet.
    2. of Hamlet's character.
    3. about Hamlet's character.
    4. in the character of Hamlet.
    Correct Answer – 3

73. Select the most appropriate 'one word' for the expressions given below.
    A person who loves mankind.
    1. Anthropologist
    2. Philanthropist
    3. Philologist
    4. Philosophist
    Correct Answer – 2

74. In the following question, out of four alternatives, select the alternative which is the best substitute of the words / sentences.

One who walks on a tightrope.

1. Funambulist
2. Calligrapher
3. Apostate
4. Agnostic

Correct Answer – 1

75. Select the option that best expresses the meaning of the idiom or phrase given below.

To cross a bridge before one comes to it.

1. To worry about the future in advance
2. To enter a potentially dangerous place or zone
3. To fight a sworn enemy
4. To meet and spend time people who are powerful or famous

Correct Answer – 1

Comprehension:

Read the passage carefully and answer the given question:

The Great Depression (also known in the U.K. as the Great Slump) was a dramatic, worldwide economic downturn beginning in some countries as early as 1928. The beginning of the Great Depression in the United States is associated with the stock market crash on October 29, 1929, known as Black Tuesday. The depression had devasting effects in both the industrialized countries and those which exported raw materials. International trade declined sharply, as did personal incomes, tax revenues, prices and profits. Cities all around the world were hit hard, especially those dependent on heavy industry. Construction was virtually halted in many countries. Farming and rural areas suffered as crop prices fell by 40 to 60 percent. Facing plummeting demand with few alternate sources of jobs, areas dependent on primary sector industries such as farming, mining and logging suffered the most. At the time, Herbert Hoover was the President of United States.

SubQuestion No : 76

76. Which incident is associated with Black Tuesday?

1. Stock market crash
2. Terrorist attack
3. Growth of heavy industries
4. Increase in primary industries

Correct Answer – 1

Comprehension:

Read the passage carefully and answer the given question:

The Great Depression (also known in the U.K. as the Great Slump) was a dramatic, worldwide economic downturn beginning in some countries as early as 1928. The beginning of the Great Depression in the United States is associated with the stock market crash on October 29, 1929, known as Black Tuesday. The depression had devasting effects in both the industrialized countries and those which exported raw materials. International trade declined sharply, as did personal incomes, tax revenues, prices and profits. Cities all around the world were hit hard, especially those dependent on heavy industry. Construction was virtually halted in many countries. Farming and rural areas suffered as crop prices fell by 40 to 60 percent.

Facing plummeting demand with few alternate sources of jobs, areas dependent on primary sector industries such as farming, mining and logging suffered the most. At the time, Herbert Hoover was the President of United States

77. Which of the following is not an example of primary sector industry?
1. Farming
2. Logging
3. Mining
4. Light manufacturing

Correct Answer – 4

Comprehension:

Read the passage carefully and answer the given question:

The Great Depression (also known in the U.K. as the Great Slump) was a dramatic, worldwide economic downturn beginning in some countries as early as 1928. The beginning of the Great Depression in the United States is associated with the stock market crash on October 29, 1929, known as Black Tuesday. The depression had devasting effects in both the industrialized countries and those which exported raw materials. International trade declined sharply, as did personal incomes, tax revenues, prices and profits. Cities all around the world were hit hard, especially those dependent on heavy industry. Construction was virtually halted in many countries. Farming and rural areas suffered as crop prices fell by 40 to 60 percent. Facing plummeting demand with few alternate sources of jobs, areas dependent on primary sector industries such as farming, mining and logging suffered the most. At the time, Herbert Hoover was the President of United States.

78. When did the Black Tuesday happen?
1. 29th October, 1930
2. 29th October, 1929
3. 28th October, 1927
4. 28th October, 1929

Correct Answer – 2

Read the passage carefully and answer the given question:

The Great Depression (also known in the U.K. as the Great Slump) was a dramatic, worldwide economic downturn beginning in some countries as early as 1928. The beginning of the Great Depression in the United States is associated with the stock market crash on October 29, 1929, known as Black Tuesday. The depression had devasting effects in both the industrialized countries and those which exported raw materials. International trade declined sharply, as did personal incomes, tax revenues, prices and profits. Cities all around the world were hit hard, especially those dependent on heavy industry. Construction was virtually halted in many countries. Farming and rural areas suffered as crop prices fell by 40 to 60 percent. Facing plummeting demand with few alternate sources of jobs, areas dependent on primary sector industries such as farming, mining and logging suffered the most. At the time, Herbert Hoover was the President of United States.

79. By how much did the crop prices fall in rural areas during the Great Depression?
1. 30 to 40 percent
2. 60 to 80 percent
3. 40 to 70 percent
4. 20 to 30 percent
Correct Answer 3

Comprehension:
Read the passage carefully and answer the given question:

The Great Depression (also known in the U.K. as the Great Slump) was a dramatic, worldwide economic downturn beginning in some countries as early as 1928. The beginning of the Great Depression in the United States is associated with the stock market crash on October 29, 1929, known as Black Tuesday. The depression had devasting effects in both the industrialized countries and those which exported raw materials. International trade declined sharply, as did personal incomes, tax revenues, prices and profits. Cities all around the world were hit hard, especially those dependent on heavy industry. Construction was virtually halted in many countries. Farming and rural areas suffered as crop prices fell by 40 to 60 percent. Facing plummeting demand with few alternate sources of jobs, areas dependent on primary sector industries such as farming, mining and logging suffered the most. At the time, Herbert Hoover was the President of United States

80. Who was the President of the United States at the time of Great Depression?
1. George Washington
2. Herbert Hoover
3. George H.W. Bush
4. Bill Clinton
Correct Answer – 2

81. The process of converting physical energy into nervous system activity is called :
1. receptor potential
2. transduction
3. generator potential
4. kinesthesis
Correct Answer – 2

82. Hepatic coma is due to the elevated plasma levels of :
1. ammonia
2. amylase
3. albumin
4. adenosine

Correct Answer – 1

83. An example of politico-economic factors that may affect maintenance of a safe environment are :
1. smoking
2. finances
3. anxiety
4. beliefs

Correct Answer – 2

84. The amount of water excreted as urine per day is about :
1. 1000ml
2. 1500ml
3. 100ml
4. 500ml

Correct Answer – 2

85. Measures taken to prevent the onset of a disease or a disorder is called :
1. primary prevention
2. primary promotion
3. secondary prevention
4. tertiary prevention

Correct Answer – 1

86. HIV is NOT transmitted by :
1. intercourse
2. blood transfusion
3. shaking hands
4. sharing drug needles

Correct Answer – 3

87. During delivery, placental expulsion comes under :
1. stage III
2. stage IV
3. stage I
4. stage II

Correct Answer – 1

88. The presence of endometrial tissue outside the normal uterine cavity is called :
1. menarche
2. endometriosis
3. menorrhagia
4. amenorrhoea

Correct Answer – 2

89. Which of the following is a hormonal contraceptive?
1. Oral contraceptive
2. Vasectomy
3. Condoms
4. Cervical cap

Correct Answer – 1

90. The mineral content in the bone can be calculated by :
1. x-rays
2. dual energy x-ray absorptiometry
3. ultrasound
4. spectrometer

Correct Answer – 2

91. Wharton's jelly is found in the :
1. Stomach
2. lungs
3. umbilical cord
4. heart

Correct Answer – 3

92. Which of the following is a technique of supervision?
1. Perceptions
2. Reassurance
3. Emotions
4. Values

Correct Answer – 2

93. The Japanese have adapted the principle of human relationship theory which is also commonly known as :
1. theory B
2. theory Z
3. theory Y
4. theory A

Correct Answer – 2

94. Plato is known as the Father of :
1. Idealism
2. Realism
3. Naturalism
4. Pragmatism

Correct Answer – 1

95. Trophoblasts from the :
1. amnion
2. embryo
3. placenta
4. ovum

Correct Answer – 3

96. A systematic arrangement of the sum total of selected experiences planned by a school for a defined group of student's to attain the aims of a particular educational program is called :
1. curriculum
2. objectives
3. evaluation
4. learning

Correct Answer – 1

97. During pregnancy, foetal movements begin between :
1. 10–12 weeks
2. 1–4 weeks
3. 16–20 weeks
4. 4–8 weeks

Correct Answer – 3

98. Which of the following is a primary research tradition within anthropology that provides a framework for studying the meanings, pattern and experiences of a defined cultural group in a holistic fashion?
1. Ethnography
2. Phenomenology
3. Survey Study
4. Grounded theory

Correct Answer – 1

99. The type of pelvis most favourable for normal vaginal delivery is :
1. platypelloid pelvis
2. gyanecoid pelvis
3. android pelvis
4. anthropoid pelvis

Correct Answer – 2

100. A statement of the researcher's expectations about relationships between the variables under investigation is :
1. research design
2. hypothesis
3. objective
4. research question

Correct Answer – 2