Punjab Patwari 20 November 2016 Paper

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1. Who is the author of Tale of Two Cities?
(a) Charles Dickens (b) Leo Tolstoy
(c) Mark Twain (d) Jane Austen

2. National Sports Day is celebrated on the birthday of which famous personality?
(a) Milkha Singh (b) Duleep Sinhji
(c) Dhyan Chand (d) Chuni Goswami

3. Who got the 2016 Nobel Prize in Literature?
(a) Bob Dylan (b) Toni Morrison
(c) David Cox (d) John Bosco

4. Who was the first Indian Pilot?
(a) Ardeshir Godrej (b) JRD Tata
(c) Ghanshyam Das Birla (d) Dada Bhai Naoroji

5. Which instrument is used to measure velocity of wind?
(a) Ammeter (b) Barometer (c) Anemometer (d) Actinometer

6. 'Six Machine' is the autobiography of which famous cricketer?
(a) Chris Gayle (b) Yuvraj Singh
(c) Ricky Ponting (d) Sanath Jaysurya

7. English is the official language of which State/UT?
(a) Goa (b) Pondicherry (c) Nagaland (d) Tripura

8. Who started the Chipko Movement in India?
(a) Hemvati Nandan Bahuguna (b) Sunderlal Bahuguna
(c) Sunderlal Deshmukh (d) Hemvati Deshmukh

9. Who was the first president of Indian National Congress?
(a) A.O. Hume (b) W.C. Banerjee
(c) Sundernath Banerjee (d) Badruddin Tyabji

10. The solar system is a part of which galaxy?
(a) Large Magellanic Cloud (b) Small Magellanic Cloud
(c) Hoag's Object (d) Milky Way

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11. Mother Teresa, who is recently coronated with the title 'saint', originally belonged to which country?
(a) Belgium (b) Venezuela (c) Albania (d) Romania

12. Which among the following planets does not rotate clockwise around the Sun?
(a) Mercury (b) Venus (c) Neptune (d) Jupiter

13. Mariyappan Thangavelu has won a gold medal in 2016 Rio Paralympics in which game?
(a) Short Put (b) High Jump (c) Javeline Throw (d) Discus Throw

14. In which year was the Gandhi-Irwin Pact signed?
(a) 1913 (b) 1921 (c) 1929 (d) 1931

15. The famous Kashida embroidery comes from which Indian state?
(a) Karnataka (b) West Bengal (c) Kashmir (d) Punjab

16. Directions: In a certain code language,
i. 'kemp lamp tems' means 'speak the truth'
ii. 'bis tim nak' means 'always seek knowledge'
iii. 'tim tems sik' means 'knowledge is truth'
iv. 'lik bis zap' means 'never seek violence'
Which letter code stands for 'always'?
(a) nak (b) tim (c) bis (d) zap

17. If + stands for ×, - for ÷, × for – and ÷ for +, then find the value of 26 + 74 – 4 × 5 ÷ 2.
(a) 488 (b) 478 (c) 498 (d) 468

18. In the following matrix, row and column totals are given. Find the value of one missing row's total:

A	B	B	C	30
B	A	B	C	30
B	D	D	D	30
C	A	D	C	?
30	30	32	37	

(a) 31 (b) 34 (c) 39 (d) 38

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19. Choose the correct alternatives from the given ones that will complete the series:
AZBY, ? , EVFU, GTHS
(a) EXDZ (b) CXDR (c) CXDW (d) BYCZ

20. Identify the wrong number in the series:
9, 19, 40, 83, 170, 340
(a) 83 (b) 170 (c) 40 (d) 340

21. Which one set of the letters when sequentially placed at the gaps in the given letter series shall complete the series?
_ b _ d a _ _ b d d _ a
(a) dbabd (b) aabbb (c) bbada (d) bdaba

22. Complete the gap appropriately in the following series:
10 : 91 :: 9 : ?
(a) 72 (b) 97 (c) 69 (d) 89

23.Identify the wrong number in the series given below:
21, 28, 33, 35, 37, 36
(a) 36 (b) 21 (c) 33 (d) 35

24. Complete the following series:
975, 864, 753, 642, ___
(a) 531 (b) 314 (c) 532 (d) 431

25. If ZN + XT = TZ and ZV + ZR = ZJR, then, what is Z + Z = ?
(a) Z (b) X (c) ZX (d) XZ

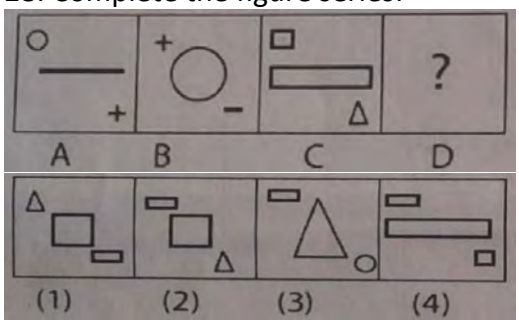
26. In this series: F2, __, D8, C16, B32. What number should fill the blank?
(a) A16 (b) G4 (c) E4 (d) E3

27. In a row of girls, Nivedita is 1st from the left and Vimla is 23th from the right. If they interchange their positions then Nivedita becomes 18^{th} from the left, then Vimla be at what position from the right?
(a) 25^{th} (b) 24^{th} (c) 26^{th} (d) 20^{th}

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28. Complete the figure series:



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

29. Pointing towards a person, a man said to a woman, "His mother is the only daughter of your father". How is the woman related to that person?
(a) Sister (b) Daughter (c) Mother (d) Wife

30. If, 1112 = 25; 1113 = 36; 1114 = 47; Then, 1117 = ?
(a) 700 (b) 710 (c) 100 (d) 110

31. A man walks 3 km northwards and then turns left and goes 2 km. He again goes left and walks 3km. He turns right and walks straight, In which direction is he walking now?
(a) East (b) West (c) North (d) South

32. If WATER is called BLACK, BLACK is called TREE, TREE is called BLUE, BLUE is called RAIN, RAIN is called PINK and PINK is called FISH in a certain language; then what is the color of the SKY?
(a) BLUE (b) FISH (c) RAIN (d) PINK

33. Of the six members of a panel sitting in a row X is to left of Q but on the right of P. Y is in the right of Q but is on the left of Z, Z is to the left of R. Find the members who are at the extreme?
(a) QZ (b) XZ (c) PR (d) QY

34. Below are given two statements followed by possible conclusions drawn from them. Which of them is valid?
Statements: All teachers are wise.
Some teachers are artists.
Conclusions:
(a) All artists are wise. (b) Some artists are wise.
(c) No artists are wise. (d) All teachers are artists.

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35. Select the correct option on the basis of information given below:
Preeti scored more than Rahul. Yamuna scored as much as Divya. Lokita scored less than Manju. Rahul scored more than Yamuna. Manju scored less than Divya. Who scored the lowest?
(a) Manju (b) Yamuna (c) Lokita (d) Rahul

36. 70 is increased by 40%. The increased number is
(a) 90 (b) 98 (c) 89 (d) 92

37. Number of years in which a sum of money treble itself when rate of interest being 5% is
(a) 20 (b) 30 (c) 10 (d) 40

38. Two persons contested an election of parliament. The winning candidate secured 57% of the total valid votes polled and won by a majority of 42,000 votes. The number of total votes polled is
(a) 300000 (b) 30000 (c) 53000 (d) 30030

39. Dividend due at the end of a year on 250 shares of Rs.50 each,if the half yearly dividend is 4% of the value of share, is
(a) Rs.800 (b) Rs.900 (c) Rs.1000 (d) Rs.1200

40. Rs.8000 is lent at 5% compound interest for 2 years. The compound interest is
(a) Rs.400 (b) Rs.420 (c) Rs.820 (d) Rs.840

41. The Floor of a room is 25 m long and 16 m wide, the size of a brick is 20 cm by 10 cm. Number of bricks required to have the floor of the room is
(a) 20 (b) 200 (c) 2000 (d) 20000

42. A box 1 m long, 50 cm broad and 25 cm high is filled with packets each 5 cm by 4 cm by 2 cm. The number of packets in the box is
(a) 32 (b) 312 (c) 3125 (d) 315

43. A rectangular field 242 m long has got an area of 4840 sq.m. The cost of fencing that field on all the four sides, if 1 m of fencing costs 10 rupees, in rupees is
(a) 524 (b) 262 (c) 2620 (d) 5240

44. In a rectangular garden which measures 15 m by 12 m, a lawn is laid in the centre,leaving a 2 m wide path all around. The area of the path in sq.meters is
(a) 92 (b) 180 (c) 88 (d) 920

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45. The length, breadth and height of a cuboid are 15 cm, 8 cm and 6 cm, respectively. Its surface area in sq cm is

(a) 720 (b) 516 (c) 204 (d) 1236

46. The radius of a sphere is 9 cm. It is melted and drawn into a wire of diameter 2 mm. The length of the wire in meters is

(a) 97.2 (b) 9.72 (c) 9720 (d) 972

47. The base and height of a triangle are in the ratio 3 : 4. If the area is 150 cm^2, its height in cm is

(a) 20 (b) 5 (c) 15 (d) 12

48. The area of parallelogram whose base is 12 cm and whose corresponding height is 45 cm, in sq cm is

(a) 54 (b) 540 (c) 270 (d) 2700

49. Area of a Trapezium with parallel sides a and b and having distance h between them is given by

(a) (a+b)h (b) –(a+b)h (c) – (a+b)h (d) 2(a+b)h

50. A closed box has external length l, external breadth b, external height h and walls of thickness x, the capacity of the box is

(a) (l-2x)(b-2x)(h-2x) (b) (l-x)(b-x)(h-x)

(c) $lbh-x^3$ (d) $lbh-8x^3$

51. Area of an equilateral triangle of side a each is

(a) $\frac{\sqrt{\ }}{\ }a^2$ (b) $\frac{\sqrt{\ }}{\ }a^2$ (c) $\sqrt{3}a^2$ (d) $\frac{}{\sqrt{3}}a^2$

52. The height of an isosceles triangle with equal sides x each and base y is given by

(a) $\sqrt{\ \ \ \ \ \ \ \ }$ (b) $\frac{\sqrt{x}}{\ \ \ \ \ \ \ \ }$

(c) $\frac{\sqrt{\ \ \ \ \ \ \ \ }}{\ \ \ \ \ \ \ \ }$ (d) $\frac{\sqrt{y}}{\ \ \ \ \ \ \ \ }$

53. In a cylinder,if radius is halved and height is doubled,the volume will be

(a) same (b) doubled (c) halved (d) four times

54. The base of a right angled triangle is 8 cm and its hypotenuse is 10 cm, its area in sq cm is

(a) 24 (b) 40 (c) 48 (d) 80

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55. The length of the longest rod that can be placed in a room of dimensions 10m by 8m by 6m in meters is

(a) 10 (b) $10\sqrt{\ }$ (c) 24 (d) 480

56. A man borrowed Rs.8000 from a money lender for 146 days at 5%. Amount he will have to pay is

(a) Rs.8016 (b) Rs.8160 (c) Rs.8610 (d) Rs.8060

57. A man sells an article for Rs.330 thereby gaining 10%. The article costs the man

(a) Rs. 340 (b) Rs. 303 (c) Rs. 300 (d) Rs. 320

58. The average marks of 32 boys of class X(A) is 60,whereas the average marks of 40 boys of class X(B) is 33. The average marks per boy for both the classes is

(a) 37 (b) 46 (c) 45 (d) 36

59. If 6 men can do a piece of work in 10 days. Then 4 men will complete the same work in

(a) 15 days (b) 20 days (c) 16 days (d) 14 days

60. In a class of 50 students, 40% are girls.The number of boys in the class is

(a) 25 (b) 20 (c) 24 (d) 30

61. Select the word which is opposite in meaning to the following word.

Quaint

(a) Unusual (b) Wholehearted (c) Sweet (d) Ordinary

62.Fill in the blank with the most appropriate word.

The Judge complimented the young witness for standing upto the ..... cross examination.

(a) terrible (b) arduous (c) gruelling (d) intolerable

63. Fill in the blank with the most appropriate word.

The city was plunged.....darkness due to sudden power failure.

(a) through (b) to (c) into (d) under

64. Select the correct sentence.

(a) It is the duty of a good host to wait on the guest

(b) It is the duty of a good host to wait upto the guest

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(c) It is the duty of a good host to wait the guest
(d) It is the duty of a good host to await the guest

65. Select the word which is nearest in meaning to the following word.
Ghastly
(a) Appalling (b) Unearthly (c) Phantom (d) Spectral

66. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਅੱਗੇ ਕਿਹੜਾ ਅਗੇਤਰ ਲਾਇਆ ਜਾ ਸਕਦਾ ਹੈ?

ਸ਼ਬਦ ਹਨ - ਜੀਵਨੀ, ਮਾਨ, ਵਿਸ਼ਵਾਸ, ਮਾਣ

(a) ਅਪ (b) ਸਵੈ (c) ਨਿਰ (d) ਨਿਸ਼

67. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸੰਖਿਆ ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ ਹੈ:

(a) ਸੁੰਦਰ (b) ਨਿੱਕਾ (c) ਸਾਰੇ (d) ਇਹ

68. ਪੁਲਿੰਗ/ਇਸਤਰੀ ਲਿੰਗ ਦਾ ਕਿਹੜਾ ਜੁੱਟ ਸਹੀ ਨਹੀਂ ਹੈ:

(a) ਪਹਾੜ/ ਪਹਾੜੀ (b) ਭੁੱਖਾ/ਭੁੱਖੀ
(c) ਰਾਜਾ/ ਰਾਜਕੁਮਾਰੀ (d) ਲੜਕਾ/ ਲੜਕੀ

69. ਵਿਪਰੀਤ ਅਰਥਾਂ ਵਾਲਾ ਜੁੱਟ ਹੈ:

(a) ਸਿਆਣਾ/ ਖੂਬਸੂਰਤ (b) ਦੁੱਧ/ ਲੱਸੀ
(c) ਅਮੀਰ/ ਗਰੀਬ (d) ਕਾਲਾ/ ਹਰਾ

70. ਵਾਕ ਵਿੱਚ ਵਰਤਿਆ ਮੁਹਾਵਰਾ ਪੂਰਾ ਕਰੋ:

ਹਰ ਕੱਲ੍ਹ ਹਰ ਚੀਜ਼ ਅੱਗ ਦੇ ..... ਵਿਕ ਰਹੀ ਹੈ। ਗਰੀਬ ਬੰਦਾ ਕੀ ਕਰੇ।

(a) ਮੁੱਲ (b) ਕੀਮਤ (c) ਵਾਂਗੂ (d) ਭਾਅ

71. What is the output of a Full adder that adds two bits and a carry?
(a) A sum bit and carry bit (b) A sum bit only
(c) Two sum bits and a carry bit (d) None of these

72. Which topology is best suited for a network that does not have a hub?
(a) Ring (b) Bus (c) Star (d) Mesh

73. A large program is broken down into modules in which of the following phase?
(a) Requirement Analysis (b) Design
(c) Development (d) Deployment

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74. If the sequence of operation - push(1), push(2), pop, push(1), push(2), pop, pop, pop, push(2), pop are performed on stack,the sequence of popped out values are:
(a) 2, 2, 1, 1, 2 (b) 2, 2, 2, 1, 1
(c) 2, 2, 1, 2, 2 (d) 2, 2, 1, 2, 1

75. In C Programming a function can return:
(a) Double value (b) Single value
(c) As many as values (d) No value

76. In C language a Union member variable is generally accessed using the:
(a) comma operator (b) address operator
(c) dot operator (d) ternary operator

77. Which of the following is not an advantage of thread?
(a) Less time to create and terminate than process
(b) Context switching is faster
(c) Less memory space occupied by thread
(d) Inter process communication

78. The CPU nearly delays its operation for one memory cycle,to allow direct memory i/o transfer. This process is called as:
(a) Cycle waiting (b) Cycle Burst
(c) Cycle Stealing (d) Burst Transfer

79. The Correct order of SQL expression is
(a) Select, group by, where, having (b) Select, having, group by, where
(c) Select, having, where, group by (d) Select, where, group by, having

80. If a relation is in 2NF,then it can be in 3NF by removing
(a) repeating groups (b) partial dependencies
(c) transitive dependencies (d) overlapping dependencies

81. Which one is the Universal Gate?
(a) OR gate (b) EX-OR gate
(c) NOR gate (d) AND gate

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82. A Java application needs to load 50 libraries. To load each library,one disk access is required. Seek time to access the location is 10 ms. Rotational speed is 6000 rpm. The total time needed to load all libraries is
(a) 0.65 sec (b) 0.75 sec (c) 0.85 sec (d) 1 sec

83. The hexadecimal representation of $(567)_8$ is
(a) 1AF (b) D77 (c) 177 (d) 133

84. 53 in 2's complement form is?
(a) 1001011 (b) 001011 (c) 001010 (d) 011010

85. In Boolean Algebra this is a law of De-Morgan's Theorem:
(a) AB+AC=(A+C)(A+B) (b) A+A.B-A
(c) AB=A+B (d) A.1=A

86. Silviculture concerned with
(a) Vegetable plantation (b) Rearing silk worms
(c) Forestry (d) Intercropping in orchards

87. Which crop is a pulse as well as an Oil-seed crop?
(a) Cow pea (b) Lentil (c) Arhar (d) Soyabean

88. Which hormone is responsible for ripening of fruits?
(a) GA_3 (b) Cytokinin (c) Ethylene (d) Auxim

89 . Green revolution has been most successful in rotation
(a) Wheat & Potato (b) Barley & Rice
(c) Tea & Coffee (d) Wheat & Rice

90. The vegetable having maximum moisture content
(a) Ash gourd (b) Musk melon
(c) Water melon (d) Loki

91. Soil moisture is measured by
(a) Potometer (b) Hydrometer (c) Tensiometer (d) Rain guage

92. Which fruit plant pruned in summer season when it shed its leaves?
(a) Amla (b) Pomegranate (c) Ber (d) Kiwi fruit

93. Which of the following fruit is a rich source of iron?
(a) Mango (b) Date palm (c) Karonda (d) Apple

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94. The term necrosis indicates
(a) Curling (b) Atrophy (c) Death of cells (d) Blightening

95. Potato is
(a) Modified stem (b) Modified leaf
(c) Modified root (d) Modified bulb

96. Who is the author of Yug Badal Gaya?
(a) Sohan Singh Sital (b) Kartar Singh Duggal
(c) Gurdial Singh (d) Surjit Hans

97. The city of Harappa is situated on the banks of
(a) Satluj (b) Ravi
(c) Beas (d) Jhelum

98. When was the Adi Granth installed in the Harimandar Sahib?
(a) AD 1589 (b) AD 1590 (c) AD 1604 (d) AD 1606

99. Which city was not a part of the First Anglo-Sikh War?
(a) Chillianwala (b) Mudki (c) Aliwal (d) Subraon

100. Which party Kartar Singh Sarabha belonged to?
(a) Communist Party (b) Indian National Congress
(c) Shiromani Akali Dal (d) Ghadar Party

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Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1.	A	21.	D	41.	D	61.	D	81.	C
2.	C	22.	A	42.	C	62.	C	82.	B
3.	A	23.	D	43.	D	63.	C	83.	C
4.	B	24.	A	44.	A	64.	A	84.	B
5.	C	25.	B	45.	B	65.	A	85.	C
6.	A	26.	C	46.	D	66.	B	86.	C
7.	C	27.	C	47.	A	67.	C	87.	D
8.	B	28.	A	48.	B	68.	C	88.	*
9.	B	29.	C	49.	B	69.	C	89.	D
10.	D	30.	B	50.	A	70.	D	90.	*
11.	C	31.	B	51.	B	71.	A	91.	C
12.	*	32.	C	52.	C	72.	A	92.	C
13.	B	33.	C	53.	C	73.	B	93.	C
14.	D	34.	B	54.	A	74.	A	94.	C
15.	C	35.	C	55.	B	75.	B	95.	A
16.	A	36.	B	56.	B	76.	C	96.	A
17.	B	37.	D	57.	C	77.	D	97.	B
18.	C	38.	A	58.	C	78.	C	98.	C
19.	C	39.	C	59.	A	79.	D	99.	A
20.	D	40.	C	60.	D	80.	C	100.	D

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