Question Booklet and Answer-Keys
Mechanic Agricultural Machinery Instructor

1. ਦੀਵੇ ਥੱਲੇ ....

    (A) ਮੀਨ   (B) ਤਲ   (C) ਹਨੇਰਾ   (D) ਪਲੇਟ

2. 'ਮੀਂਹ ਨਹੀਂ ਪਿਆ ਤੇ ਫਸਲਾਂ ਸੁੱਕ ਗਈਆਂ' ਵਾਕ ਦੀ ਕਿਹੜੀ ਕਿਸਮ ਹੈ:

    (A) ਮਿਸ਼ਰਿਤ   (B) ਸੰਯੁਕਤ   (C) ਪ੍ਰਸ਼ਨ ਵਾਚਕ   (D) ਵਿਸਮਿਕ

3. ਜਿਹੜਾ ਜੂਨਾਂ ਤੋਂ ਰਹਿ ਹੋਵੇ:

    (A) ਅਜੂਨੀ   (B) ਅਖੰਡ   (C) ਅਵੰਡ   (D) ਨਾਸ਼ਵਾਨ

4. ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ:

    (A) ਚਾਰ   (B) ਪੰਜ   (C) ਛੇ   (D) ਅੱਠ

5. ਯੋਜਕ ਚੁਣੋ :

    (A) ਤੇ, ਅਤੇ, ਕਿਉਂਕਿ   (B) ਦਾ, ਦੇ, ਦੀ

    (C) ਨੂੰ, ਨਾਲ   (D) ਇਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕੋਈ ਵੀ ਨਹੀਂ

Directions(Q.No. 6-8):- Out of the four options , choose the correct preposition to be filled in the gaps:-

6. He prefers milk __ tea.
(A) for   (B) to   (C) into   (D) by

7. She is covetous ___ luxuries.
(A) by   (B) of   (C) at   (D) with

8. Ramesh is proficient __ French.
(A) of   (B) in   (C) with   (D) from

Directions (Q.No. 9-10) :- Out of the four given options, choose the correct form of the indirect narration.

9. Ravinder Jadeja said, " How clever I am !"
(A) Ravinder Jadeja exclaimed with grief how clever I was.
(B) Ravinder Jadeja exclaimed that he was very clever.
(C) Ravinder Jadeja declared with pride that he is very clever.
(D) Ravinder Jadeja said that he is very clever.

10. He said, " Bravo! You have done well."
(A) He congratulated him and said that he did well.
(B) He applauded him, saying that he had done well.
(C) He praised him and said that he would do well.
(D) He praised him and said that he had been doing well.

11. Who cremated the headless body of Guru Teg Bahadur?
A) Bhai Lakhi Singh Banjara   B) Bhai Man Singh Lohara
C) Bhai Teja Singh Ghumara   D) Bhai Ganda Singh Sunara

12. Which Sikh-Takht is also called as Guru Ki Kashi?
A) Keshgarh Sahib   B) Damdama Sahib   C) Hazur Sahib   D) Patna Sahib

13. How many total Districts are there in Punjab?
A) 20   B) 22   C) 24   D) 36

14. The Indian struggle was the autobiography of
A) Subhash Chander Bose   B) Lala Lajpat Rai
C) Lala Hardayal   D) Sohan Singh Bakhna

15. Amrita Pritam was choosen for Sahitya Akademi Award for her work
    A) Aj Akhan Waris Shah noo   B) Sunehray   C) Save Pattar   D) Pinjar

16. Refrigeration is a process in which the decomposition of food is
    A) retarded   B) stopped   C) speeded up   D) delayed

17. The tax on import and export is known as:
    A) Income Tax   B) Trade Tax   C) Custom duty   D) Excise duty

18. The election to Panchayats are to be held:
    A) every four years   B) every five years
    C) when the State Government decides to do so   D) at the Centre's directive

19. The latitude of a place is expressed by its angular distance in relation to
    A) Equator   B) South Pole   C) Axis of the Earth   D) North Pole

20. In which Indian zoo were the thirty one Black Bucks killed by the stray dogs on Jaunary 19, 2013?
    A) Kanpur Zoo   B) Lucknow Zoo   C) Delhi Zoo   D) Patna Zoo

21. Choose the odd one out.
    A) Valley   B) Sea   C) Tower   D) Mountain

22. If, in a language, 'finger' is called 'toe', 'toe' is called 'foot', 'foot' is called 'thumb', 'thumb' is called 'ankle', 'ankle' is called 'palm' and 'palm' is called 'knee', then in that language, what will an illiterate man put to mark his signatures?
    A) Toe   B) Knee   C) Thumb   D) Ankle

23. I)   F is the brother of A,
    II)   C is the daughter of A,
    III)   K is the sister of F,
    IV)   G is the brother of C.
    Who is the uncle of G?
    A) A   B) C   C) F   D) K

24. Rahul told Anand, "Yesterday I defeated the only brother of the daughter of my grandmother." Whom did Rahul defeat?
    A) Son   B) Father   C) Brother   D) Father-in-law

25. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre, and A and P are at the ends. R is sitting on the left of A. Then who is sitting on the right of P?
    A) A   B) S   C) X   D) Z

26. In a row of boys, if A who is tenth from the left and B who is ninth from the right interchange their positions, A becomes fifteenth from the left. How many boys are there in the row?
    A) 23   B) 27   C) 28   D) 31

27. A walks 10 metres in front and 10 metres to the right. Then every time turning to his left, he walks 5, 15 and 15 metres respectively. How far is he now from his starting point?
    A) 5 metres   B) 10 metres   C) 15 metres   D) 20 metres

28. Read the trend of characters in the following matrix and find out the missing character.

| 1	2	3
11	7	5
120	45	?

A) 19   B) 17   C) 16   D) 15

29. The positions of the second and the eighth digits of the number 39128564 are interchanged. Similarly, the positions of the fourth and the fifth digits are interchanged. The positions of the first and the sixth digits are interchanged and the positions of the third and the seventh digits are interchanged. Which of the following will be the third digit to the left of 3 after the rearrangement?
A) 2   B) 4   C) 6   D) 8

30. Which of the following will not be a number of the series 1, 8, 27, 64, 125, …..?
A) 256   B) 512   C) 729   D) 1000

31. $3\frac{1}{4} + 4\frac{1}{6} + ? + \frac{1}{4} = 10$
A) $2\frac{1}{6}$ B) $4\frac{1}{3}$ C) $1\frac{1}{3}$ D) $2\frac{1}{3}$

32. The average of 6 observations is 45.5. If one new observation is added to the previous observations, then the new average becomes 47. The new observation is:
A) 58   B) 56   C) 50   D) 46

33. The product of Ramu's age 5 years ago with his age 7 years later is 28. Ramu's present age is:
A) 4 years   B) 6 years   C) 7 years   D) 8 years

34. If the cost price of 4 things be equal to the sale price of 3 things, then the profit percent is:
A) 25%   B) $33\frac{1}{3}\%$ C) $37\frac{1}{2}\%$ D) 40%

35. A and B can finish a piece of work in 30 days. They worked at it for 20 days and then B left. The remaining work was done by A alone in 20 more days. A alone can finish the work in
A) 48 days   B) 50 days   C) 54 days   D) 60 days

36. Two trains start from stations A and B and travel towards each other at 50 km/hr and 60 km/hr respectively. At the time of their meeting, the second train has travelled 120 km more than the first. The distance between A and B is:
A) 990 km   B) 1200 km   C) 1320 km   D) 1440 km

37. ₹6000 becomes ₹7200 in 4 years at a certain rate of interest. If the rate becomes 1.5 times of itself, the amount of the same principal in 5 years will be:
A) ₹8000   B) ₹8250   C) ₹9000   D) ₹9250

38. The perimeter of a floor of a room is 18 m. What is the area of four walls of the room, if its height is 3 m?
A) 21 m^2 B) 42 m^2 C) 54 m^2 D) 108 m^2

39. The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:
   A) 0° B) 10° C) 5° D) 20°

40. The smallest number which is divisible by 12, 15, 20 and is a perfect square, is:
   A) 400   B) 900   C) 1600   D) 3600

41. Which one of the following statements is correct?
   A) a good teacher back bites   B) a good teacher inspires
   C) a good teacher shirks work   D) a good teacher lives for himself

42. How will you raise the standard of weak students?
   A) by dictating the notes   B) with help of other students
   C) by giving special attention   D) by informing the parents

43. Which of the following is the correct attitude of a teacher towards students?
   A) supremacy   B) sympathetic   C) outspoken   D) tolerant

44. Which one of the followings develop imagination among learners?
   A) radio   B) books   C) pictures   D) educational films

45. What is the compulsory element of learning?
   A) tendency to know   B) bright mind   C) ability to read   D) none of these

46. Learners should not be encouraged to
   A) participate in as many co-curricular activities as possible
   B) memorize all the answers to questions the teacher may ask
   C) ask as many questions as possible
   D) actively interact with other learners in group work

47. Motivation is affected by following factors except
   A) number of family members   B) opportunity to participate
   C) competition   D) rewards and punishment

48. Curriculum is an educational programme which does not state
   A) the content, teaching strategies and learning experience which will be necessary to achieve the purpose
   B) means of evaluating whether these educational ends have been achieved or not
   C) the lesson planning details
   D) the educational purpose of a programme

49. The type of evaluation which is used to monitor learning progress during instructions is called
   A) formative evaluation   B) summative evaluation
   C) placement evaluation   D) diagnostic evaluation

50. Teacher's day is celebrated on 5th September in honour of
   A) Rabindra Nath Tagore   B) Sarvapalli Radha Krishan
   C) Dr. Zakir Hussain   D) Babu Rajindra Prasad

51. The two kinds of main memory are
   (a) ROM and RAM   (b) primary and secondary
   (c) Floppy disk and hard disk   (d) None of the above

52. Storage capacity of magnetic disk depends on
    (a) tracks per inch of surface   (b) bits per inch of tracks
    (c) disk pack in disk surface   (d) All of above

53. Software in computer
    (a) Increase the speed of central processing unit
    (b) Enhances the capabilities of the hardware machine
    (c) Both of above
    (d) None of above

54. Bold, Italic, Regular are known as
    (a) font effects   (b) word art   (c) font styles   (d) text effects

55. What type of data can you send by e-mail
    (a) audio   (b) video   (c) pictures   (d) all of the above

56. The first aid material does not include
    (a) cotton   (b) sprit   (c) Burnole   (d) cigarette

57. Fire prevention equipment includes
    (a) water filled buckets   (b) sand filled buckets
    (c) fire extinguishers   (d) all of the above

58. Which of the following is not work holding device
    (a) clamps   (b) file   (c) jigs   (d) vice

59. The metal is cut by
    (a) chisels   (b) hammer   (c) spanner   (d)none of the above

60. To measure the tappet clearance, which gauge is used
    (a) go gauge   (b) not go gauge   (c) feeler gauge   (d) all of the above

61. To directly measure the dimension, which tool is used
    (a) foot rule   (b) caliper   (c) divider   (d) none of the above

62. In a inch, how many sutras are there
    (a) 6   (b) 8   (c) 5   (d) 7

63. A mortise gauge is a
    (a) striking tool   (b) planing tool   (c) boring tool   (d) marking tool

64. The width of slot cut by a hacksaw blade is _____ the width of the blade
    (a) equal to   (b) less than   (c) greater than   (d) can not say

65. The part of a vernier bevel protractor on which main scale divisions are marked is the
    (a) Disc   (b) Dial   (c) Stock   (d) Adjustable blade

66. The principle of working of a dial test indicator is
    (a) The linear motion is converted into a rotary motion using rack and pinions
    (b) Magnification by electronic means
    (c) The linear motion is converted into a reciprocating motion, using slotted link
    (d) Magnification of small variation using lenses

67. The least count of a vernier metric micrometer is
    (a) 0.0001 mm   (b) 0.001 mm   (c) 0.01 mm   (d) 0.1 mm

68. The point angle for a standard drill is
(a) 108^0 (b) 135^0 (c) 60^0 (d) 118^0

69. Which caliper can be set quickly
(a) Long point caliper   (b) Adjustable caliper
(c) Spring type caliper   (d) None of these

70. Which are permanent fasteners
(a) welding   (b) rivets   (c) keys   (d) all of the above

71. Automobile engines are usually designed as multi-cylinder engine because of
(a) economy reasons   (b) higher efficiency
(c) better balance, uniform torque output   (d) lower fuel consumption

72. Which of the following processes is not associated with diesel cycle
(a) constant volume   (b) constant pressure
(c) isothermal   (d) adiabatic

73. In hydraulic system, the power used is
(a) mechanical   (b) hydrostatic   (c) electrical   (d) frictional

74. The thermal efficiency of two-stroke cycle engine as compared to four-stroke engine is
(a) more   (b) less   (c) same   (d) none of these

75. Placing of seeds in holes is called
(a) drilling   (b) dibbling   (c) broadcasting   (d) seed dropping

76. Airplane sprayers are used for
(a) small areas   (b) large areas   (c) battle fields   (d) none of the above

77. In I.C. engines, the power developed inside the cylinder is called
(a) break horse power   (b) pumping power
(c) indicated horse power   (d) none of these

78. Diesel engine as compared to petrol engine is
(a) more difficult to ignite   (b) less difficult to ignite
(c) highly ignitable   (d) none of above

79. The farm machinery can be categorized by
(a) operation wise   (b) crop wise   (c) season wise   (d) all of the above

80. Huller is used for
(a) hulling   (b) shelling   (c) separation   (d) drying

81. Which type of maintenance is most expensive
(a) routine maintenance   (b) preventive maintenance
(c) breakdown maintenance   (d) planned maintenance

82. The automobiles generally utilizes batteries having voltage of
(a) 3V   (b) 6V   (c) 12V   (d) 24V

83. The clutch is located between the engine and
(a) gear box   (b) differential gear   (c) rear axle   (d) universal joint

84. The ratio of break horse power to indicated horse power is called
   (a) volumetric efficiency   (b) overall efficiency
   (c) indicated thermal efficiency   (d) mechanical efficiency

85. To protect the agriculture from pests & diseases ---------------is used
   (a) ploughing   (b) spraying   (c) cutting   (d) none of the above

86. Number of valves in combine harvester engine is
   (a) one   (b) two   (c) three   (d) four

87. Which of the following is not the type of cultivator
   (a) disc type   (b) rotary type   (c) tine type   (d) centrifugal type

88. The minimum number of rings in a piston are
   (a) two   (b) three   (c) four   (d) six

89. Reaper is a
   (a) cutting machine   (b) plucking machine
   (c) sawing machine   (d) none of the above

90. The petrol engine works on
   (a) Diesel cycle   (b) Brayton cycle   (c) Ericsson cycle   (d) Otto cycle

91. The selection of a tractor is based on
   (a) land holding   (b) cropping pattern   (c) soil condition   (d) all of the above

92. The purpose of engine lubrication is
   (a) reduce frictional effects   (b) cooling effect
   (c) sealing effect   (d) all of the above

93. The basic tractor structure consists of frame, axles, wheels and
   (a) steering   (b) suspension   (c) brakes   (d) differential gear

94. The ignition coil in tractor acts as a
   (a) rectifier   (b) switch   (c) step-up transformer   (d) dc to ac converter

95. The drive from gear box to the rear axle is taken by
   (a) propeller shaft   (b) clutch   (c) differential gear   (d) universal joint

96. The horn of a tractor is linked with
   (a) its fuel supply system   (b) lubrication system
   (c) electrical system   (d) none of the above

97. In four wheel drive, which type of axle is used
   (a) front live   (b) rear live   (c) any one   (d) both axles

98. Fuel pump is part of
   (a) lubrication system   (b) fuel supply system
   (c) cooling system   (d) none of the above

99. Braking is produced by the frictional effect between the brake drum and the
   (a)Brake shoes   (b)Wheel cylinder pistons   (c)Wheel rim (d)Wheel studs

100. The symbol of fuse is

   (a)   (b)   (c)   (d) None of these

Answer- Key

Code: MAMI-14 (Mechanic Agricultural Machinery Instructor)

Q.	Ans.	Q.	Ans.	Q.	Ans.	Q.	Ans.
1	A	26	A	51	A	76	B
2	B	27	A	52	D	77	C
3	A	28	C	53	B	78	A
4	D	29	C	54	C	79	D
5	A	30	A	55	D	80	A
6	B	31	D	56	D	81	C
7	B	32	B	57	D	82	C
8	B	33	C	58	B	83	A
9	B	34	B	59	A	84	D
10	B	35	D	60	C	85	B
11	A	36	C	61	A	86	C
12	B	37	B	62	B	87	D
13	B	38	C	63	D	88	B
14	A	39	B	64	C	89	A
15	B	40	B	65	B	90	D
16	D	41	B	66	A	91	D
17	C	42	C	67	B	92	D
18	B	43	D	68	D	93	B
19	A	44	C	69	C	94	C
20	A	45	A	70	A	95	A
21	C	46	B	71	C	96	C
22	D	47	D	72	C	97	A
23	C	48	C	73	B	98	B
24	B	49	A	74	B	99	A
25	C	50	B	75	B	100	C