

# MTS EXAMINATION 2015 -16

## QUESTION PAPER

Class : VI

6

Register No :

Score : 400  
Time : 2 hrs

### General Instructions

1. Candidates are supplied with an OMR Answer Sheet.
2. Answer the questions in the OMR Sheet by shading the appropriate bubble.
3. Shade the bubbles with black ball point pen.
4. Each question carries four marks. One mark will be deducted for each wrong answer.
5. Use the space provided in the last page for rough work.

### Read the passage and answer the questions

Animals have their own unique ways of communication. In fact, animal communication is as diverse as the species of animals themselves. They are not capable of communicating through advanced language techniques, but often their ways of communication are far more intelligent than ours. They communicate for a variety of reasons; to attract mates, threaten rivals, warn about danger or share information about food sources.

Animal communication can broadly be divided into four different categories : visual, auditory, tactile and chemical. Visual communication is used to draw attention, attract mates and threaten others. Some animals send sound vibrations to others to transmit messages. This is known as auditory communication. Some others send information by actually touching other animal's body. This form is called tactile communication. Chimpanzees groom one another to strengthen their bond. The last form is through chemical or hormone secretion. This form of communication mainly relies on scent. Skunks use their signature smell to deter predators.

1. Animal communication is quite :  
A. Diverse  
B. Easy to understand  
C. Similar to human communication  
D. Easy to learn
2. The form of animal communication that relies on sending sound vibrations is called :  
A. Chemical communication  
B. Auditory communication  
C. Tactile communication  
D. Visual communication
3. Skunks deter predators through :  
A. Visual communication  
B. Tactile communication  
C. Chemical communication  
D. Auditory communication
4. The antonym of the word 'capable' is  
A. Uncapable  
B. Miscapable  
C. Discapable  
D. Incapable
5. Choose the correct sentence :  
A. The library is divided in two sections  
B. The library is divided into two sections

C. The library divides in two sections

D. The library is dividing in two sections

6. 'To give up the ghost' means :

A. to see a ghost      B. to get scared      C. to die      D. to believe in ghosts

7. The noun form of the verb 'regulate' is :

A. regular      B. regulation      C. regulatory      D. regulator

8. I have ..... a lot of weight in the last few months.

A. put on      B. put out      C. put off      D. put away

9. This goal is ..... big for me.

A. very      B. quite      C. much      D. too

10. I ..... taken my camera.

A. shall      B. will      C. have      D. were

11. The equivalent fraction of  $\frac{5}{9}$  is .....

A.  $\frac{20}{45}$       B.  $\frac{25}{45}$       C.  $\frac{20}{27}$       D.  $\frac{30}{63}$

12. .... is the lowest form of 0.04.

A.  $\frac{4}{20}$       B.  $\frac{40}{25}$       C.  $\frac{1}{25}$       D.  $\frac{20}{25}$

13. Tharun sleeps one third of a day. Then his sleeping time is .....

A. 8 hours      B. 3 hours      C. 18 hours      D. 20 hours

14. A piece of wire of length 46cm is bent to form a rectangle. If the length of the rectangle is 18cm, its width is .....

A. 5 cm      B. 3 cm      C. 10 cm      D. 6 cm

15. A line contains ..... number of points.

A. one      B. two      C. infinite      D. None of these

16. Write the predecessor of 10 million.

A. 9999999      B. 999999      C. 99999999      D. 10000001

17. Which of the following numbers are Co-prime ?

A. 17 and 68      B. 30 and 415      C. 15 and 37      D. 24 and 60

18. The HCF of two consecutive even numbers is .....

A. 1      B. 2      C. 4      D. 0

VI	2/8
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19. A number when divided by 6 and added to 13 gets gives 19. What is the number ?  
A. 19                      B. 24                      C. 42                      D. 36
20. If the cost of a dozen pens is ₹ 240, what will the cost of 25 pens ?  
A. ₹400                      B. ₹300                      C. ₹700                      D. ₹500
21. Tracing paper is an example for ..... objects.  
A. Transparent              B. Translucent              C. Opaque                      D. Luminous
22. Light travels along .....
- A. a straight path              B. bent path                      C. circular path              D. both (A) and (B)
23. If we pour some water inside a space ship , it .....
- A. will flow downwards              B. will float around as blobs  
C. It will stay there itself              D. It will go upwards
24. For creating shadow we need .....
- A. Opaque objects                      B. Transparent objects  
C. Translucent objects                      D. None of the above
25. The layer of air around the earth is known as .....
- A. Atmosphere              B. Ozone                      C. Oxygen                      D. Satellite
26. Why do the earthworms come out from the soil only during heavy rain ?  
A. To take food              B. To take water              C. To respire              D. To get extra energy
27. Which of the following materials mixes and dissolves completely in water ?  
A. Sand                      B. Chalk Powder              C. Sand dust                      D. Sugar
28. Plants release a lot of water vapour through leaves, This process is known as .....
- A. Transpiration              B. Respiration                      C. Circulation                      D. Venation
29. I am a plant, I am a climber, I have many leaves. Who am I ?  
A. Rose plant                      B. Money plant                      C. Paddy plant                      D. Tulsi plant
30. Coriander plant is an example of .....
- A. Herb                      B. Shrub                      C. Creeper                      D. Climber
31. Which of the following statements is correct ?  
A. The most important discovery of paleolithic period was wheel.  
B. The most important discovery of paleolithic period was fire.  
C. The most important discovery of paleolithic period was paper.  
D. The most important discovery of paleolithic period was wire.
32. The first animal tamed by the people was.....

A. Cat                      B. Rabbit      C. Cow      D. Dog

33. Which of the following is in correct order while considering chaturvarnas from upper level to lower level ?

- A. Brahmins, Kshatriyas, Vaishyas, Shudras
- B. Brahmins, Vaishyas, Shudras, Kshatriyas
- C. Vaishyas, Brahmins, Shudras, Kshatriyas
- D. Brahmins, Shudras, Vaishyas, Kshatriyas

34. Harappa was located on the banks of the river.....

- A. Ganga                      B. Indus      C. Kaveri      D. Yamuna

35. The ruler who accepted Buddhism after the Kalinga war:

- A. Bimbisara                      B. Chandragupta
- C. Ashoka                      D. Mahavira

36. Which one of the following sets of planets do not have rings in our solar system ?

- A. Jupiter, Saturn and Uranus                      B. Jupiter, Uranus and Venus
- C. Saturn, Mercury and Uranus                      D. Uranus, Mercury and Mars

37. The location of India falls in the Northern hemisphere between.....

- A.  $8^{\circ}4$  S and  $38^{\circ}6$  S latitudes and  $68^{\circ}7$  W and  $97^{\circ}25$  W longitude.
- B.  $8^{\circ}4$  N and  $38^{\circ}6$  N latitudes and  $68^{\circ}7$  E and  $97^{\circ}25$  E longitude.
- C.  $10^{\circ}15$  N and  $40^{\circ}10$  N latitudes and  $72^{\circ}9$  E and  $89^{\circ}25$  E longitude.
- D.  $10^{\circ}15$  S and  $40^{\circ}10$  S latitudes and  $72^{\circ}9$  W and  $89^{\circ}25$  W longitudes.

38. Choose the correct order of Panchayati Raj Institutions from lower level to higher level.

- A. District Panchayat , Gram panchayat and Block Panchayat
- B. Gram Panchayat , Block Panchayat and District Panchayat
- C. Block Panchayat , Gram Panchayat and District Panchayat
- D. Gram Panchayat , District Panchayat and Block Panchayat

39. The work of village officer is supervised by.....

- A. Patwari                      B. Tahsildar      C. Secretary      D. Mayor

40. Maps follow a universal colour code. Which colour is used to indicate plateaus ?

- A. Yellow                      B. Brown      C. Green      D. Black

41. Name the rescue operation by the Indian army during the arrack of the Hudhud cyclone

- A. Operation Vijay                      B. Operation Lehar
- C. Operation bluestar                      D. Operation surya hope

42. Who is the brand ambassador of the National Games

- A. Sachin Tendulkar B. Anil Kumble C. Rahul Dravid D. Saurav Ganguly
43. Who is the current Attorney General of India  
A. Vinod Rai Mehta B. H.L.Dathu C. Mukul Rohatgi D. Anil Kumar Sinha
44. Name the new chairman of the railway board  
A. Yusuf Ali B. A.K.Mittal C. Mukesh Ambani D. E.Sridharan
45. The first Indian women baxer to get a gold medal in the Asian games 2014 in incheaon , south korea is .....
- A. Karnam Malleswary B. Laila Ali C. Mary Com D. Shiny Wilson
46. Who is the union minister of the minority affairs?  
A. Najma Heptulla B. Sumitha Mahajan C. Smrithi Irani D. Uma Bharathi
47. Who is the chief minister of Jammu and Kashmir  
A. Farook Abdulla B. Omar Abdulla C. Mehbooba Mufti D. Mufti Muhammed Syed
48. Who is the present Lokhsabha Speaker?  
A. Sonia Ghandhi B. Sumitha Mahajan C. Meera Kumar D. Anandi Ben Patel
49. Expand ISRO  
A. Indian Space Research Organisation B. Institute of Space Research  
C. International Space Research Organisation D. None of these
50. Which of the following International Organisation is decided to the cause of wild life conservation  
A. UNDP B. WHO C. UNESCO D.UNFPA
51. Science day is celebrated on February 28 to honour one of the discoveries of Sir C.V.Raman ; which is that discovery?  
A. discovery of light B. discovery of photoelectric effect  
C. scattering of light D. discovery of reflection
52. Who invented Gramophone?  
A. Micheal Faraday B. Isaac Newton C. Benjamin Franklin D. Thomas Edison
53. Ball point pen was invented by John .J.Loud from U.S then who invented fountain pen?  
A. Warner Brothers B. Lewis.E.Waterman C. J.G.Brainerd D. Ferdinard Federick
54. Who was the first women president of Indian National Congress?  
A. Vijayalakshmi Pandit B. Annie Besant C. Sarojini Naidu D. None of them
55. Who is known as American Ghandhi?  
A. Karl Max B. Nelson Mandela C. Kofi Annan D. Martin Lutherking
56. Which jail was described by Ghandiji as his “home away from home”?

A. Yerwada jail      B. Thihar kail      C. Central jail      D. Sellular jail

57. Who started the home rule league movement?

A. B.G.Thilak      B. Annie Basant      C. Ghandhiji      D. Lala Lajpat Rai

58. Who was considered as the prince among patriots ?

A. Bal gangadhar tilak      B. Bhagath singh  
C. Subhash chandra bose      D. Bahadur shah

59. If the capital of Assam is Dispur, which is the capital of Chattisgarh?

A. Patna      B. Raipur      C. Panaji      D. Shimla

60. The capital of karnataka is also known as the garden city, which is that?

A. Banglore      B. Jaipur      C. Itanagar      D. Patna



61.

Identify the buddist monument.

A. Qutab minar      B. India gate      C. Red fort      D. Sanchi stupa

62. One among the revised 7 wonders is Christ Redeemer. where it is situated?

A. America      B. Canada      C. Brazil      D. Argentina

63. The most popular destination of Jaipur is .....

A. Red fort      B. Hawa mahal      C. Taj mahal      D. Fatehpur sifhri

64. Name the sportsman who recieved the padma vibhushan and has become the Indian chess grandmaster and the world chess champion

A. Geet sethi      B. Gagam Narang      C. Vishwanathan Anand      D. Leander paes

65. Ricky ponding is also known as what?

A. The Rickster      B. Ponto      C. Ponter      D. Punter

66. Which technology is used in computer disc.

A. Laser      B. Maser      C. Radar      D. Sonar

67. India's first web browser is .....

A. Erwise      B. Epic      C. Firefox      D. Google

68. A computer's clock speed is measured in .....

A. Giga hertz      B. Mega hertz      C. Tera hertz      D. Kilo hertz

69. Which is the largest church in the world which has an area of 220\*150 square meters.  
A. St.philomina's church      B. St.Peter's Basilica  
C. St.sophia's church      D. None of these
70. Which is the largest inhabited castle in the world?  
A. Buckinhan palace   B. Malhork castle   C. Windsor castle   D. Conwy castle

Space for rough works