

# LINGUISTICS 2007

1. Sound waves travel fastest in:

- a) brass
- (b) hydrogen
- (c) oxygen
- (d) water

2. Which one of the following sets of constituents is used for making safety matches?

- (a) Carbon, sulphur and glue
- (b) Potassium chlorate, antimony sulphate and glue
- (c) Lead dioxide, carbon and paraffin
- (d) Silicon dioxide sulphur and paraffin

3. Athletes normally have larger sized hearts because :

- (a) Their blood is thicker and requires more heart muscles to circulate it
- (b) Their cardiac output is regulated by change of cardiac rate during workout
- (c) greater blood pressure developed during work-out required thicker heart walls
- (d) their cardiac output is regulated by change of stroke volume during work-out

4. Therapal is a newly devised:

- (a) Missile boat
- (b) Gum machine
- (c) Electronic robot
- (d) Super computer

5. The India's position in the world, in respect of Iodine deficiency cases is :

- (a) First
- (b) Second
- (c) Fourth
- (d) Sixth

6. Super tree is a :

- (a) Sketch indicating Jurassic beasts
- (b) A technique of American nuclear warfare
- (c) A tree which at best prevents soil erosion
- (d) A forest tree which is being developed for agricultural use by American Scientists

7. Amlidopine is a new

- (a) Indigenously produced anti-hypersensitive drug
- (b) Drug used to relieve pain in body parts
- (c) Drug produced to cure AIDS patients
- (d) Drug used as anti-rabies

8. Sea sickness is due to the effect of the motion of ship in :

- (a) internal ear
- (b) heart
- (c) stomach
- (d) eyes

9. Finger-print on paper can be made visible by spraying a solution of:

- (a) Sodium thiosulphate
- (b) Silver nitrate
- (c) Ninhydrin
- (d) Ferric chloride

10. If the length of the pendulum is increased by four times, then its period of oscillation will become:

- (a) half
- (b) twice
- (c) four times
- (d) eight times

11. Which org m of the following pairs are usually consumers in a forest ecosystem

- (a) Rabbit and Snake
- (b) Deer and Rabbit
- (c) Frog and Deer
- (d) Earthworm and Snake

12. Imagine a few balls of the same material but of different sizes are allowed to fall freely from different heights in vacuum. Which of the following quantities would remain the same for these falling ball?

- (a) Velocity
- (b) Attraction force
- (c) Displacement
- (d) Acceleration

13. Which of the following institutions recently developed the first Robot in India named "PROGMAN 150"?

- (a) Centre for the Development of Advanced Computing, Pune
- (b) Indian Institute of Science, Bangalore
- (c) Tata Institute of Science, Bangalore
- (d) Centre for Artificial Intelligence and Robots, Bangalore

14. In which of the following pairs of disease, germs are injected into human ~ blood stream by a secondary host:

- (a) Rabies and malaria
- (b) Malaria and typhoid
- (c) Tetanus and cholera
- (d) Typhoid and rabies

15. Petroleum is found in

- (a) . Igneous rocks
- (b) Sedimentary rocks
- (c) Metamorphic rocks
- (d) None of the above

16. The brain receives and ends signals in the form of :

- (a) electrical impulses
- (b) mechanical impulses
- (c) chemical impulses
- (d) magnetic impulses

17. The Roaring Forties is/are

- (a) Westerly winds in the Southern Hemisphere
- (b) Westerly winds in the Northern Hemisphere
- (c) One of the major water currents of the Atlantic Ocean
- (d) The most dangerous river of China

18. Which of the following is *not* root plant?

- (a) Carrots
- (b) Sweet potatoes
- (c) Turnips
- (d) Coffee

19. The earth turns through 360° in 24 hours. Each 15° longitude represents:

- (a) Half an hour
- (b) Forty-five minutes
- (c) One hour
- (d) One hour fifteen minutes

20.. During dehydration, the substance that is usually lost by the body is

- (a) Sugar
- (b) Sodium chloride
- (c) Calcium phosphate
- (d) Potassium chloride

21. The most commonly used substances in fluorescent tubes are

- (a) Sodium oxide and argon
- (b) Sodium vapour and neon
- (c) Mercury vapour and argon
- (d) Mercuric oxide and neon

22. Circular halo of the earth on the moon occurs during the

- (a) Lunar Eclips
- (b) Solar eclips
- c) Sun-rise

(d) Sun-set

23. Which one of the following in an ecosystem traps solar energy ?

- (a) Transformers
- (b) Consumers
- (c) Decomposers
- (d) Producers

24. Which one of the following does *no*~ lay eggs ?

- (a) Lizard
- (b) Bat
- (c) Pigeon
- (d) Platypus

25. Which was first animal to make space flight ?

- (a) Monkey
- (b) Dog
- (c) Cat
- (d) Rabbit

26. Datum line:

- (a) Is a horizontal line from where heights and depths are measured
- (b) Is the line of demarcation between Pakistan and India
- (c) Refers to the date line or calendar line
- (d) Is an imaginary line which passes through zero degree meridian

27. All the 120 senior students of a school are members of the dramatic club club, debating club or both. If 90 are in the debating club and 70 in the dramatic club, how many are in both clubs?

- (a) 30
- (b) 20
- (c) 40
- (d) 25

28. If you walk towards a plane mirror at a speed of 10 *cm/s*, at what speed does your image approach you?

- (a) 5 *cm/s*
- (b) 10 *cm/s*
- (c) 20 *cm/s*
- (d) Information inadequate

29. In a class of 23 boys the average age is 16. If teacher's age is included the average age will increase by 1 year. Teacher's age is:

- (a) 34
- (b) 35
- (c) 40
- (d) 45

30. 4, 12, 30, 68, .146, 302, 622 .

Find the wrong number in the series.

- (a) 30
- (b) 68
- (c) 12
- (d) 302

31. Approximate value of 16% of 841 is :

- (a) 120
- (b) 135
- (c) 140
- (d) 5

32. If 1<sup>st</sup> September of a certain year was Saturday, what date was on the last Monday of October of that year?

- a) 27<sup>th</sup>
- (b) 28<sup>th</sup>
- (c) 29<sup>th</sup>
- (d) 30<sup>th</sup>

33. If a watch, based on an oscillating spring, is taken to the moon, it will :

- (a) Become fast
- (b) Become slow
- (c) Become slow and fast alternately
- (d) Remain unaffected

34. Among the following sentences in which the word 'Comb' acts as verb?

- (a) The woman found a comb
- (b) The boy should comb his hair
- (c) The comb you possess is of good stuff
- d) John left the comb on the table

35. Which one of the following sentences is ungrammatical?

- a) John looked up the telephone number
- b) John looked the telephone number.
- c) John looked up the hill
- d) John looked the hill up.

36. Which one of the following sentences is ungrammatical?

- (a) Marry turned down the street
- (b) Marry turned the street down
- (c) Marry turned down my idea
- (d) Marry turned my idea down

37. Which one of the following is the series of intransitive verbs?

- (a) read, wash, break
- (b) use, debate, write
- (c) die, sit, weep
- (d) fax, xerox, 'eat

38. Which one of the following is the series of articles ?

- (a) may, can, be
- (b) is, are, will
- (c) a, an, the
- (d) have, shall, must

39. Among the following sentences in which the noun 'boy' is in the genitive case?

- (a) The boy read the book
- (b) The boys ran fast
- (c) The boy washed the cloths
- (d) The boy's book is on the table

40. Which one of the following sentence ungrammatical?

- (a) Who do you think that Marry met yesterday?
- (b) Who do you think Marry met yesterday?
- (c) Who do you think arrived yesterday?
- (d) Who do you think that arrived yesterday?

Linguistic has been defined as

- (a) the scientific study of societies
- (b) practical know ledge of many languages
- (c) the scientific study of the nature of human language
- (d) the study of the origin and distribution of cultures

42. The minimum forest cover necessary to maintain ecological balance is

- (a) 25% of the total land
- (b) 50% of the total land
- (c) 40% of the total land
- (d) ~3% of the total land

43. Which of the following is a land locked river?

- (a) Tapti
- (b) Krishna
- (c) Luni
- d) Narmada**

44. Which of the following is correctly matched?

- a) Shahnama-Omar Khayyam
- b) Lajja-Quarratul-ain Haider
- c) The Rubaiyat-Abdul Fazal
- d) Gul-e-Naghma-Firaq Gorukhpuri

45. Blue dwarfs' and Red giants, refer respectively to

- (a) Pigmies and caucasian
- (b) Young stars and old stars
- (c) Old stars and young stars
- (d) Native and hybrid varieties of milch cattle

46. "The Gift of Time; the case for Abolishing Nuclear Weapons Now" is a book written by which of the following authors?

- (a) Karamchand Rana
- (b) Romila Thapar
- (c) D.B.N. Murthy
- (d) Janathan Schell

47. The 'Pahari School', 'Rajput School', 'Mughal School' and 'Kangra School' represent different styles in the art of:

- (a) Architecture
- (b) Painting
- (c) Dancing
- (d) Music

48. Rajatarangini is chronicled history of Kashmir documenting:

- (a) the Hindu Kings
- (b) the Mughals
- (c) the Pathans
- (d) the Salatin Kashmir

49. The first ruler of Salatin-I-Kashmir was:

- (a) Shams-ud-Din
- (b) Zain-ul-Ab-ul-Din
- (c) Haidar Shah
- (d) Ghazi Khan

50. Sultan Skindar came to the throne in :

- (a) 1390 A.D.
- (b) 1392 A.D.
- (c) 1394 A.D.
- (d) 1396 A.D.

51. Who among the following discovered the charms of Gulmarg ?

- (a) Ghazi Khan
- (b) Kazi Khan
- (c) Yusuf Khan
- (d) Yukub Khan

52. Who among the following was the first Dogra ruler of Kashmir ?

- (a) Hari Singh
- (b) Gulab Singh
- (c) Pratab Singh
- (d) Rambir Singh

53. Who among the following is the founder of Reshi order of saints In Kashmir?

- (a) Shukr-ud-Din
- (b) Sheikh Noor-ud-Din Noorani
- (c) Zain-ud-Din
- (d) Bam-ud-Din

54. Habba Khatoon stands as a milestone in the romantic poetry of :

- (a) 15th Century

- (b) 16th Century
- (c) 17th Century
- (d) 18th Century

55. Urdu was declared the official language of J & K state during

- (a) Mughals
- (b) Pathans
- (c) Sikh rule
- (d) Dogra rule

56. Who among the following is the author of the book "The Valley of Kashmir"?

- (a) Buhler-
- (b) Sir Alexander Cunningham
- (c) Walter R Lawrence
- (d) Sir George Abraham Grierson

57. Persian language entered into the Valley of Kashmir during

- (a) Sultans
- (b) Pathans
- (c) Mughals
- (d) Dogras

58. Which of the following scripts Kashmiri language adopts ?

- (a) Devnagri
- (b) Roman
- (c) Sharda
- (d) Persio-Arabic

59. Which of the following languages function as lingua-franca across different linguistic communities in J & K state?

- (a) Dogri
- (b) . Ladakhi
- (c) Punjabi
- (d) Urdu

60. The earliest inscription on stone were in which language ?

- (a) Prakrit
- (b) Pali
- (c) Sanskrit
- (d) Brahmi