

DEECET – 2022

(PART - A)

Teaching Aptitude – SET – 1

1. What is the etymological root of the word “Vidya”
 1. Veda
 2. Vidhi
 3. Vid
 4. Vaidhya

2. NCTE is concerned with
 1. Cultural and Technical Education
 2. Compulsory Education
 3. Technical Education
 4. Teacher Education

3. The year in which Right to Education Act was implemented
 1. 2008
 2. 2009
 3. 2010
 4. 2011

4. What is most important for a teacher
 1. to maintain discipline in class
 2. to be punctual in class
 3. to remove learning disorders of students
 4. to be a good orator

5. To raise the standard of education, it is necessary
1. to evaluate students continuously
 2. to give high salary to teachers
 3. to revise curriculum
 4. to make good school building

G. K. – SET - 1

6. In which city India's first post office ATM was inaugurated?
1. Chennai
 2. New Delhi
 3. Hyderabad
 4. Mumbai
7. Which state has launched the door delivery programme for supply of ration to general public
1. Andhra Pradesh
 2. Haryana
 3. Madhya Pradesh
 4. Punjab
8. The United Nations Organization has its headquarters at
1. Bali
 2. Hague
 3. New York, USA
 4. Washington, DC

9. Which day is celebrated as “International women’s Day”?
1. 1st January
 2. 23rd February
 3. 8th March
 4. 10th April
10. Which of the following instrument is played by Amjad Ali Khan
1. Veena
 2. Tabla
 3. Sarod
 4. Guitar

English – SET – 1

11. Find the one word substitute for the following
One who is present everywhere
1. Monogamy
 2. omnipresent
 3. theist
 4. teetotaler
12. You should complete your B.Ed _____ your B.Sc to get a teacher job.
1. in addition to
 2. according to
 3. in spite of
 4. ahead of

13. Kumar was always arguing _____ his brother.

1. at
2. from
3. with
4. of

14. Your answer is _____

1. right
2. rite
3. write
4. none

15. Find the passive form for the following sentence.

Latha writes a letter.

1. A letter writes by Latha.
2. A letter is written by Latha.
3. A letter was written by Latha.
4. A letter was wrote by Latha.

Telugu – SET – 1

16. కింది వాటిలో “మహాప్రాణాక్షరం”తో ఏర్పడిన పదం

1. జమున
2. కమల
3. జలం
4. భజన

17. కింది వాటిలో “ట”వర్గకు చెందిన అక్షరం

1. క
2. చ
3. న
4. డ

18. కింది వాటిలో ద్విత్వాక్షర పదాన్ని గుర్తించండి

1. సుల్తాను
2. ప్రశ్న
3. చిక్కు
4. వెడల్పు

19. ‘కరతాళ ధ్వనులు’ - ఈ జాతీయానికి అర్థం

1. ముచ్చట్లు
2. అచ్చట్లు
3. చప్పట్లు
4. అప్పట్లు

20. “విజయ్ రేపు విజయవాడ వెళ్తాడు” - ఈ వాక్యంలోని కాలం

1. భవిష్యత్ కాలం
2. భూతకాలం
3. వర్తమాన కాలం
4. తద్దర్మ కాలం

1st Language English – SET – 1

21. Fill in the blank with right form of the verb

Fathima _____ (pass) the Intermediate examination in 2020.

1. will pass
2. passed
3. passes
4. passing

22. A person who carves stones into idols

1. sculptor
2. potter
3. weaver
4. florist

23. I ‘ran after’ her, grabbed her plait and held her back.

Choose the meaning of the phrasal verb “ ran after” from the following

1. to give
2. to fell
3. to chase
4. to take .

24. What do the following sentence mean

You should get up early.

1. asking permission
2. making an offer
3. Giving advice
4. asking a question

25. Can you play ____ guitar.

1. the
2. an
3. a
4. no article

26. There is a big tree _____ our school.

1. by means of
2. on behalf of
3. in front of
4. according to

27. Father had been merry this morning.

Find the synonym and antonym of the word 'merry' from the following.

1. jolly, serious
2. boring, exciting
3. giant, tiny
4. lazy, active

28. Find the wrongly spelt word from the following
1. malicious
 2. instrucion
 3. avoid
 4. realise
29. The farmer fed the cow well _____ it gave the farmer plenty of milk.
1. besides
 2. however
 3. as a result
 4. although
30. An account of a person's life written by somebody else
1. diary entry
 2. biography
 3. narration
 4. notice

Mathematics – SET - 1

31. Who prepared Demlo numbers?
1. Sreenivasa Ramanujan
 2. Ramachandra Kaprekar
 3. Pythagoras
 4. C.R.Rao

32. Naresh painted $\frac{2}{3}$ part of a house. To complete the work how much part Suresh has to paint?
1. $\frac{2}{3}$
 2. $-\frac{2}{3}$
 3. $\frac{1}{3}$
 4. Can't Say
33. In a triangle the value of an exterior angle is 130° , the value of one of the interior angle of the triangle is 50° then find second one value
1. 50°
 2. 60°
 3. 70°
 4. 80°
34. Which of the following is the standard form of Quadratic expression
1. ax^2+bx+c
 2. $ax^3 +bx^2+c$
 3. $ax+b$
 4. None

35. We read 10^{-3} m as follows
1. Micro Meter
 2. Milli Meter
 3. Kilo Meter
 4. Deca Meter
36. In the process of finding cube root of 5832, which one of the following is second group number?
1. 5
 2. 58
 3. 583
 4. 832
37. The equation $(2 \times x) + (2 \times 6) = 2(x+6)$ reflects which property?
1. Closure Property over Addition
 2. Distributive Property over Addition
 3. Associative Property over Addition
 4. Identity over Addition
38. A vessel in the shape of cuboid is having length of 30 cm, breadth of 25 cm. Then how much height the vessel should be to store 4.5 litres of water? (in centimeters)
1. 10
 2. 9
 3. 25
 4. 6

39. The distance between two points $(x, 7)$ and $(1, 15)$ is 10 Units. Then find the value of x ?
1. 7 or -5
 2. 8 or -6
 3. 9 or -7
 4. 10 or -9
40. A statue stands on the top of a 2m tall pedestal. From a point on the ground, the angle of elevation of the top of the statue is 60° and from the same point, the angle of elevation of the top of the pedestal is 45° . Find the height of the statue?
1. 1.464m
 2. 1.265m
 3. 1.789m
 4. 2.285m

General Science – SET – 1
(Biology)

41. The hollow bones are present in
1. cow
 2. sparrow
 3. buffalo
 4. snake

42. The muscular tubular structure that connects pharynx with stomach is

1. Duodenum
2. Buccal cavity
3. Oesophagus
4. Rectum

43. The first man made fiber is

1. Polyester
2. Nylon
3. Rayon
4. Acrylic

44. The excretory organ in cockroach

1. malpighian Tubules
2. raphids
3. ureters
4. nephridia

45. Master gland in human body

1. Thyroid
2. Adrenal
3. Pituitary
4. Islets of Langerhans

General Science SET-1

Physical Science

46. Which of the following is not a part of water cycle?
1. Evaporation
 2. Condensation
 3. rain
 4. distillation
47. The part in a bulb which gives us light is
1. Metal Base
 2. Glass chamber
 3. Filament
 4. Terminals
48. In periscope the angle between two plane mirrors is
1. 0°
 2. 30°
 3. 45°
 4. 60°
49. Unit of force in SI system
1. Dyne
 2. kg – m/s
 3. Newton
 4. Pascal

50. The chemical symbol for sodium is

1. So
2. Sd
3. NA
4. Na

Social Studies – SET – 1

51. The planet that has no satellites

1. Uranus
2. Mars
3. Mercury
4. Earth

52. Valley civilization not emerged in the following country

1. Mesopotamia
2. Egypt
3. Israel
4. China

53. Philosophical texts dealing with soul, mysteries of nature

1. Upanishads
2. Brahmanas
3. Aranyakas
4. Rigveda

54. The place of origin of democracy

1. Greece
2. Rome
3. India
4. China

55. Aluminium is extracted from
1. Bauxite
 2. Barytes
 3. Mica
 4. Chromium
56. The song “Vandemataram” was written by
1. Mohammed Iqbal
 2. Rabindranath Tagore
 3. Bankim chandra Chatterjee
 4. Sarojini Naidu
57. In Telugu the first mookie movie was
1. Alam Ara
 2. Bhakta Prahalada
 3. Bhishma Pratigna
 4. Mana Desham
58. In which year prohibition of child marriage act was enforced?
1. 2002
 2. 2004
 3. 2006
 4. 2008

59. Which of the following is fixed capital?

1. Clay
2. Yarn
3. Tools
4. Seeds

60. Who is called Lokamanya

1. Gandhi
2. Nelson
3. Tilak
4. Patel

DEECET – 2022 (BIO - SCIENCE)

Inter Botany – SET - 1

61. Gap between meiosis - I and II is called:
1. interphase
 2. interkinesis
 3. diakinesis
 4. metakinesis
62. Which of the following represents the floral characters of liliaceae?
1. Six tepals, zygomorphic, six stamens, trilocular ovary, axile placentation.
 2. Actinomorphic, polyphyllous, unilocular ovary, axile placentation.
 3. Tricarpellary, actinomorphic, polyandrous, superior ovary, axile placentation
 4. Bisexual, zygomorphic, gamophyllous, inferior ovary, marginal placentation.
63. Ester linkage occurs in
1. Proteins
 2. Lipids
 3. Nucleic acids
 4. Carbohydrates
64. Which one of the following is an example for Ephemerals plants?
1. Aloe
 2. Asparagus
 3. Opuntia
 4. Tribulus

65. Six kingdom classification is proposed by
1. Aristotle
 2. Mendal
 3. Linnaeus
 4. Carl woese
66. Pollination by snails is called
1. Zoophily
 2. Entomophily
 3. Malacophily
 4. Anemophily
67. Diplontic life cycle is found in
1. Ectocarpus
 2. Polysiphonia
 3. Spirogyra
 4. Fucus
68. In a hypogynous flower the position of ovary is
1. Superior
 2. half superior
 3. Inferior
 4. half Inferior

69. Egyptians recorded information related to crop plants and fruit trees in the form of
1. Micrographia
 2. Heiroglyphics
 3. Species plantarum
 4. Historia plantarum
70. Which one of the following is not a taxonomic aid?
1. Key
 2. Systematics
 3. Herbarium
 4. Museum
71. The enzyme that catalyses carbon dioxide fixation in C₄ plants is
1. RuBP carboxylase
 2. PEP carboxylase
 3. Carbonic anhydrase
 4. RuBisCO
72. The theory proposed by Levitt for explaining stomatal movements
1. pH analysis
 2. CO₂ concentration
 3. K⁺ pump theory
 4. All the above

73. The breaking of which bonds leads to release of energy during cellular respiration

1. P – P bonds
2. C – C bonds
3. N – N bonds
4. S – S bonds

74. Citric acid cycle is also known as

1. Tricarboxylic acid cycle
2. Oxidative decarboxylation
3. fermentation cycle
4. both 1 & 2

75. The gene that controls cotton bollworm is

1. Cry I Ac
2. Cry II Ab
3. Cry III Ab
4. Both 1 & 2

76. Yeast is used in the production of

1. Soap and perfume
2. Rice and vegetables
3. Bread and beer
4. Cheese and butter

77. Thymine can also be designated as
1. 3 – methyl uracil
 2. 2 – methyl uracil
 3. 4 – methyl uracil
 4. 5 – methyl uracil
78. During Nitrogen fixation, nitrite is oxidized to nitrate with the help of bacterium
1. Nitrosomonas
 2. Pseudomonas
 3. Nitrobacter
 4. Thiobacillus
79. An example of short day plants is
1. Wheat
 2. Maize
 3. Chrysanthemum
 4. Radish
80. Which one of the following is not a part of Biotechnology?
1. test tube baby
 2. synthesizing a gene
 3. developing a fruit
 4. correcting a defective gene

Inter Zoology – SET – 1

81. The endothelium that line the interior surface of blood vessels is
1. Cuboidal epithelium
 2. Squamous epithelium
 3. Columnar epithelium
 4. Stratified epithelium
82. Microtubules arrangement in flagella is
1. 9 + 1
 2. 1 + 9
 3. 2 + 9
 4. 9 + 2
83. Cephalothorax is found in the phylum
1. Arthropoda
 2. Annelida
 3. Nematoda
 4. Echinodermata
84. The Tidal Volume of human lung is approximately
1. 300 ml
 2. 400 ml
 3. 500 ml
 4. 800 ml

85. Vinblastin an anticancer drug is obtained from the plant
1. Rauwolfia vomitoria
 2. Vinca rosea
 3. Fox glove
 4. Digitalis purpurea
86. Widal test is used for diagnosis of
1. Malaria
 2. Filaria
 3. Tuberculosis
 4. Typhoid
87. In human beings XXY Karyotype is seen in
1. Down's syndrome
 2. Klinefelter's syndrome
 3. Turner's syndrome
 4. Edward's syndrome
88. When was the Environmental protection Act passed by the Government of India?
1. 1981
 2. 1986
 3. 1974
 4. 1971

89. Expand ELISA
1. Enzymatic – linked Immunosorbent Arrangement
 2. Enzyme – linked Immunity Search Assay
 3. Enzyme-linkage Immuno Sorbent Analysis
 4. Enzyme-linked Immuno Sorbent Assay
90. One of the Ex-Situ conservation methods for endangered species is
1. Sanctuaries
 2. Biosphere reserves
 3. Cryo preservation
 4. National parks
91. The study of fresh water ecosystem is called as
1. Synecology
 2. Ethology
 3. Limnology
 4. Autecology
92. Hormone secreted by pineal gland is
1. Parathormone
 2. Oxytocin
 3. Vasopressin
 4. Melatonin

93. Some parasites cause an abnormal increase in size of the host. This effect is called.
1. Neo plasia
 2. Gigantism
 3. Parasitic Castration
 4. Hyper trophy
94. The largest division in Animal kingdom is
1. Insecta
 2. Amphibia
 3. Pisces
 4. Reptilia
95. The population growth rate according to the 2011 census is
1. 1.64%
 2. 2.5 %
 3. 3%
 4. 2.7%
96. Corpus luteum secretes
1. Estrogen
 2. Testosterone
 3. Thyroxine
 4. Progesterone

97. Vitamin antagonistic to heparin is
1. Vitamin – A
 2. Vitamin – D
 3. Vitamin – E
 4. Vitamin – K
98. Presence of Glucose in the urine is called as
1. Uremia
 2. Glycosuria
 3. Ketosuria
 4. Natriuresis
99. The largest milk producer in the world is
1. India
 2. China
 3. Netherlands
 4. UK
100. Molecular structure of DNA was discovered by
1. Charles Darwin
 2. Carolus Linnaeus
 3. Watson & Crick
 4. J.B. Lamarck