



श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, तिरुवनंतपुरम्-11
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY
THIRUVANANTHAPURAM—695 011

ENTRANCE EXAMINATION - ACADEMIC SESSION JANUARY 2022

Program: PG Diploma in Medical Records Science

Time:90 Minutes

Max.Marks: 100

(Select the most appropriate answer)

(There are **no negative** marks for wrong answers)

- 1 Which word best express the meaning of "BARBARIAN"
a. Unkind
b. Unlikeness
c. Impolite
d. Uncivilised
- 2 Choose the word nearest in meaning to "AMBITION"
a. Decision
b. Proclamation
c. Desire
d. Plan
- 3 Which word is synonym of "ABLE"
a. Capable
b. Not worthy
c. Ability
d. Not Able
- 4 Find the Opposite meaning of "ORIENT"
a. Casual
b. Fact
c. Conform
d. Disorder
- 5 Find the correct spelling
a. Ameteur
b. Amature
c. Amateur
d. Amatuer
- 6 Find the mis-spelt word
a. Aniversary
b. Animosity
c. Animate
d. Annex
- 7 Which word best express the meaning of 'Changing one's mind too quickly'
a. Adaptability
b. Instability
c. Versatility
d. Vacillation
- 8 Which word best express the meaning of 'Something which is not thorough or profound'
a. Superstitious
b. Superficial
c. Superfluous
d. Supernatural

- 9 The ozone layer restricts
- X-rays and gamma rays
 - visible light
 - infrared radiation
 - ultraviolet radiation
- 10 What is the S.I. Unit of temperature
- Kelvin
 - Celsius
 - Centigrade
 - Fahrenheit
- 11 Where did 2018 Commonwealth Games took place?
- Beijing, China
 - Kualalumpur, Malaysia
 - Victoria, Canada
 - Gold Coast, Australia
- 12 The national museum is located at
- Mumbai
 - Lucknow
 - New Delhi
 - Pune
- 13 A person to be eligible for election as President of India, should have completed
- 25 years
 - 21 years
 - 30 years
 - 35 years
- 14 Who invented Gramophone?
- Michael Fardy
 - Fahrenheit
 - Alexander Graham Bell
 - Thomal Alva Edision
- 15 Indian state known as garden spice is
- Karnataka
 - West Bengal
 - Kerala
 - Sikkim
- 16 The river Cauvery originates from which of the following states?
- Andhrapradesh
 - Tamilnadu
 - Karnataka
 - Madhyapradesh
- 17 Ozone layer protects the Earth from harmful radiations from the sun?
- Microwave
 - X-rays
 - Infrared
 - Ultraviolet
- 18 Which imaginary line divides the Earth into the Northern and the Southern Hemisphere?
- Equator
 - South pole
 - North pole
 - Axis of rotation
- 19 IP' is an abbreviation of
- Inner process
 - Internet Program
 - Internet Protocol
 - Internal Processor
- 20 Which type of program the Microsoft Powerpoint is ?
- Calculating
 - Presentation
 - Graphical
 - None of these
- 21 The first case of novel corona virus was identified in
- Beijing
 - Shanghai
 - Wuhan
 - Tianjin

- 22 Which of the following is the first calculating device?
 a. Pascaline c. Calculator
 b. Abacus d. Turing machine
- 23 Select the examples of Application Software of computer
 a. MS- Excel c. MS-DOS
 b. MS-Word d. Both A & B
- 24 Blood pressure is measured by an instrument called
- a. Sphygmomanometer c. Barometer
 b. Photometer d. Manometer
- 25 Which of the following is bio-degradable?
 a. Plastic mugs c. Leather belts
 b. Iron nails d. Silver foil
- 26 Study of human population is known as ____
 a. Demography c. Biology
 b. Demology d. Hematology
- 27 World Health Day is observed on
 a. 24th March c. 27th June
 b. 7th April d. 10th April
- 28 A person who is hostile or indifferent to culture and the arts is called ____
 a. Philistine c. Illiterate
 b. Barbarian d. Primitive
- 29 There are ____ official languages in United Nations
 a. 1 c. 6
 b. 4 d. 24
- 30 The name 'Nokia' is derived from the river Nokianvirta in ____
 a. Finland c. Deushland
 b. Germany d. France
- 31 Which country is referred to as the 'land of Spices'?
 a. Maldives c. India
 b. Srilanka d. Seychells
- 32 Which is the smallest country in Asia?
 a. Srilanka c. India
 b. Maldives d. Seychells
- 33 Where does Coffee orginates from?
 a. Ethiopia c. India
 b. Japan d. China
- 34 Which is the world's most expensive spice?
 a. Clove c. Oudh
 b. Saffron d. Cardamom
- 35 ____ is the largest seed in the world
 a. Cocoa de mer c. Elephant Yam
 b. Cashew nut d. None of these

- 36 Pick the Odd one out
 a. Kolkata c. Chennai
 b. Trivandrum d. Kanpur
- 37 Pick the Odd one out
 a. Panaji c. Puducherry
 b. Lakshadweep d. Newdelhi
- 38 Pick the Odd one out in the series: 64,16,25,9,82
 a. 25 c. 64
 b. 82 d. 16
- 39 Find the missing number: 12,15,13,16,14,___
 a. 15 c. 17
 b. 21 d. 18
- 40 Find the missing number: 3,9,15,21, ___
 a. 29 c. 27
 b. 22 d. 30
- 41 Horse is related to 'Hoof'; in the same way Eagle is related to ___
 a. Claw c. Clutch
 b. Leg d. Foot
- 42 Cat is related to 'Kitten'; in the same way Woman is related to ___
 a. Puppy c. Baby
 b. Colt d. Calf
- 43 Kathak : UP in the same way, Odissi : ___
 a. Assam c. Kerala
 b. Orissa d. Gujrat
- 44 College is related to 'Teachers'; in the same way as Hospital is related to___
 a. Beds c. Patients
 b. Medicines d. Doctors
- 45 Which word is the odd-man out?
 a. index c. chapter
 b. book d. glossary
- 46 Find out the odd word among them.
 a. RYESGE c. ERTHCAE
 b. TRESTAO d. NEOV
- 47 A is B's sister, C is B's Mother; D is C's father, E is D's mother.
 Who is D of A
 a. Grandmother c. Daughter
 b. Grandfather d. Granddaughter
- 48 Tom's mother has three children. The name of the first child is March and that of second child is April. What is the name of the third child
 a. May c. Tom
 b. February d. December
- 49 In certain code language, 'SIMPLE' is written as 'RJLQKF'. How would 'UNIQUE' be written in that code language?
 a. TOHRTF c. FTRHOT
 b. THFRTO d. ROTHTF

- 50 What is the average of the numbers : 0,0,4,5,5,10
 a. 2 c. 6
 b. 8 d. 4
- 51 The sum of two odd and one even numbers is
 a. Even c. Composite
 b. Prime d. Odd
- 52 ___ is the smallest prime number which is even
 a. 1 c. 3
 b. 2 d. 4
- 53 A quadrilateral has:
 a. One vertex c. Three vertices
 b. Two vertices d. Four vertices
- 54 Where will the hand of a clock stop if it starts at 3 and make $\frac{3}{4}$ of a revolution, clockwise?
 a. 6 c. 9
 b. 12 d. 3
- 55 Which of the following satisfies the equation: $A \times 8 = B$
 a. $A = 5, B = 49$ c. $A = 9, B = 63$
 b. $A = 7, B = 56$ d. $A = 3, B = 20$
- 56 Complete the series: 50, 54, 52, 56, 54, 58, ___
 a. 56 c. 62
 b. 60 d. 64
- 57 Photophobia is
 a. the ability to perceive light
 b. abnormal intolerance of light
 c. the adjustment of the eye for light
 d. a disease due to overexposure of sunlight
- 58 Ornithology is the study of ___
 a. Birds c. Bones
 b. Animals d. Plants
- 59 The energy of food is measured in ___
 a. Kelvin c. Celcius
 b. Calories d. None of these
- 60 Which among the following is a common feature of chordates?
 a. Presence of notochord c. Presence of coelom
 b. Presence of triploblastic condition d. Presence of gill pouches
- 61 Binomial Nomenclature was given by___
 a. Bentham & Hooker c. Pliny
 b. Linnaeus d. Aristotle
- 62 Systematics is the study of__
 a. diversity among groups c. identification & grouping of organisms
 b. grouping of organisms d. nomenclature and classification of organisms

- 63 A rank or level in the hierarchical classification of organism is
 a. Taxon c. Family
 b. Key d. Category
- 64 Which region of alimentary canal absorbs the digested food?
 a. Stomach c. Large intestine
 b. Small intestine d. Liver
- 65 Which of the following are energy foods?
 a. Carbohydrates & fats c. Vitamin & minerals
 b. Protein & minerals d. Water & Roughage
- 66 The contraction and expansion movement of the walls of the food pipe is called
 a. translocation c. peristaltic movement
 b. transpiration d. digestion
- 67 The respiratory pigment in human being is
 a. Carotene c. Mitochondria
 b. Chlorophyll d. Haemoglobin
- 68 Name the circulatory fluid in human body other than blood
 a. Platelets c. Lymph
 b. Plasma d. RBC
- 69 Name the tube which connects the kidneys to the urinary bladder
 a. Urethra c. Nephron
 b. Ureter d. Tubule
- 70 A gland not associated with the alimentary canal is
 a. Pancreas c. Liver
 b. Salivary gland d. Adrenal
- 71 Mammals are
 a. Warm blooded c. Both
 b. Cold blooded d. None of these
- 72 Two chambered heart occurs in__
 a. Aves c. Amphibians
 b. Fish d. Crocodiles
- 73 Which of the following is present only in plants.
 a. Cell wall c. Cytoplasm
 b. Plasma membrane d. Nuclear membrane
- 74 The basic structure of living organism is
 a. Protoplasm c. Cell
 b. Organ d. Tissue
- 75 "Power house" of a cell is__
 a. Nucleus c. Cytoplasm
 b. Chloroplast d. Mitochondria
- 76 Twinkling of stars is due to__
 a. reflection of light by clouds c. dispersion of light by water drops
 b. scattering of light by dust particles d. atmospheric refraction of star light

- 77 Which of the following gases are filled in electric bulbs?
 a. Helium and Neon c. Argon and Hydrogen
 b. Neon and Argon d. Argon and Nitrogen
- 78 The disease Chickungunia is transmitted by
 a. Houseflies c. Cockroach
 b. Aedes mosquitoes d. Female Anopheles
- 79 Use of Anti-histamines and Steroids gives a quick relief from
 a. Allergy c. Cough
 b. Nausea d. Fever
- 80 Anti-venom against Snake poison contains
 a. Antigens c. Antibodies
 b. Antigen-Antibody d. Enzymes
 Complexes
- 81 Which of the following is large sized at birth but reduces in size with ageing
 a. Pineal c. Thymus
 b. Pitutary d. Thyroid
- 82 Which one of the following disease is non-communicable?
 a. Diphtheria c. Cancer
 b. flu d. Malaria
- 83 The common cold is caused by
 a. Rhino virus c. Salmonella typhimarium
 b. Streptococcus pneumonia d. Plasmodium vivax
- 84 Functional and Structural unit of Kidney is
 a. Semeniferous tubule c. Achinis
 b. Nephron d. Loop of Henle
- 85 Father of modern medicine is____
 a. Aristotle c. Plato
 b. Hippocrates d. Hannemann
- 86 Tendon connects:
 a. Cartilage with bone c. Ligament with muscles
 b. Bone with muscles d. Bone with Bone
- 87 Which one of the following is caused by Virus
 a. Malaria c. Plague
 b. Tuberculosis d. Polio
- 88 Lungs contain large number of narrow tubes called
 a. alveoli c. bronchii
 b. bronchioles d. Alveolar ducts

- 89 The branch of science that deals with blood, blood forming tissues and its disorders are called
- Hemopoiesis
 - Cardiovascular system
 - Plasmology
 - Hematology
- 90 Name the term which defines the amount of RBC present in the blood
- Haemoglobin
 - Hemopoiesis
 - Hematocrit
 - Myoglobin
- 91 Which of the following membrane is responsible for the protection of the heart?
- Epicardium
 - Endocardium
 - Myocardium
 - Pericardium
- 92 Name the tissue, which stores triglycerides (fats)
- Regular Connective Tissue
 - Areolar tissue
 - Adipose tissue
 - Epithelial tissue
- 93 Which of the following is not a fat soluble vitamin?
- Vitamin D
 - Vitamin K
 - Vitamin C
 - Vitamin A
- 94 Name the Vitamin which function as hormones as well as visual pigment
- Thiamine
 - Riboflavin
 - Retinol
 - Folic acid
- 95 Oxygen and haemoglobin bind in a reversible manner to form
- Carbonyhaemoglobin
 - Oxyhaemoglobin
 - Methoglobin
 - BPG
- 96 Which of the following kidney function is not true?
- Regulates blood volume and composition
 - Synthesize glucose
 - Regulate blood pressure
 - Defend the body against disease
- 97 Green pigment capable of capturing the energy of sunlight are located within the__
- Organelle
 - Photosynthesis
 - Chloroplast
 - Lysosomes
- 98 Which of the following is called 'Suicidal bag'?
- Lysosomes
 - Ribosomes
 - Mitochondria
 - Nucleus
- 99 Heart beat is initiated by
- AV node
 - Bundle of HIS
 - Purkinje fibers
 - SA node
- 100 Islets of Langerhans are present in
- Spleen
 - Pancreas
 - Kidney
 - Liver

PGDMRS, ANSWER KEY

1	d
2	c
3	a
4	d
5	c
6	a
7	b
8	a
9	d
10	a
11	d
12	c
13	d
14	d
15	c
16	c
17	d
18	a
19	c
20	b
21	c
22	b
23	d
24	a
25	c
26	a
27	b
28	a
29	c
30	a
31	c
32	b
33	a
34	b

35	a
36	d
37	d
38	b
39	c
40	c
41	a
42	c
43	b
44	d
45	b
46	a
47	b
48	c
49	a
50	d
51	a
52	b
53	d
54	b
55	b
56	a
57	b
58	a
59	b
60	a
61	b
62	a
63	d
64	b
65	a
66	c
67	d
68	c

69	b
70	d
71	a
72	b
73	a
74	c
75	d
76	d
77	d
78	d
79	a
80	c
81	c
82	c
83	a
84	b
85	b
86	b
87	d
88	b
89	d
90	c
91	d
92	c
93	c
94	c
95	b
96	d
97	c
98	a
99	d
100	b

