



श्री चित्रातिरुनालआयुर्विज्ञानऔरप्रौद्योगिकीसंस्थान, त्रिवेंद्रम, केरल- 695 011
(एकराष्ट्रीयमहत्वकासंस्थान, विज्ञानएवंप्रौद्योगिकीविभाग, भारतसरकार)
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM
KERALA - 695 011

(An Institution of National Importance, Department of Science and Technology, Govt. of India)

टेलीफॉन नं. Telephone No. 0471- 2443152 -फाक्स /Fax- 2550728 , 0471- 2446433

ई-मेल/E-mail :sct@sctimst.ac.in वेबसाइट/ Website : www.sctimst.ac.in

ENTRANCE EXAMINATION - ACADEMIC SESSION JANUARY 2025

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	What is the full form of RAM in computers?
a	Read Access Memory
b	Random Access Memory
c	Readily Available Memory
d	Runtime Access Memory
2	In software development, what does the acronym 'API' stands for?
a	Application Programming Interface
b	Automated Processing Indicator
c	Application Performance Integration
d	Advanced Protocol Interface
3	Which is the largest gland in the human body?
a	Thyroid
b	Pituitary
c	Liver
d	Pancreas
4	Which is the smallest bone in the human body?
a	Femur
b	Stapes
c	Ulna
d	Tibia
5	What is the boiling point of water at sea level?
a	50°C
b	100°C
c	150°C
d	200°C
6	Which process is used in nuclear reactors to release energy through the splitting of atomic nuclei?
a	Fusion
b	Fission
c	Radioactive Decay
d	Neutron Capture

7	How many chambers are there in the human heart?	
	a	2
	b	3
	c	4
	d	5
8	What is the hardest natural substance on Earth?	
	a	Gold
	b	Diamond
	c	Steel
	d	Platinum
9	What is the largest ocean on Earth?	
	a	Atlantic Ocean
	b	Indian Ocean
	c	Arctic Ocean
	d	Pacific Ocean
10	Which element has the chemical symbol 'O'?	
	a	Oxygen
	b	Gold
	c	Osmium
	d	Oganesson
11	Which planet is known as the Red Planet?	
	a	Earth
	b	Jupiter
	c	Mars
	d	Venus
12	Which of the following is a key indicator of hospital performance?	
	a	Number of visitors per day
	b	Patient Satisfaction Score
	c	Number of staff vacations
	d	Number of new equipment purchases
13	Which system is used to manage patient records electronically in a hospital?	
	a	HIS
	b	ERP
	c	CRM
	d	LMS
14	What is the full form of NEFT?	
	a	National Electronic Financial Transfer
	b	National Electronic Funds Transfer
	c	National Economic Fund Transfer
	d	Networked Electronic Fund Transfer
15	Which of the following is a prime number?	
	a	9
	b	12
	c	13
	d	15
16	What is the sum of the interior angles of a triangle?	
	a	90°
	b	180°
	c	360°
	d	270°

17	Who demonstrated that objects of different masses would reach the ground together when dropped from the same height?
a	Isaac Newton
b	Archimedes
c	Robert Boyle
d	Galileo Galilei
18	On applying a constant force to a body, it moves with uniform_____ ?
a	Acceleration
b	Speed
c	Velocity
d	Momentum
19	Which of the following is the purest form of Carbon?
a	Charcoal
b	Granite
c	Diamond
d	Graphite
20	The air-conditioner has made ceiling fans a little _____ in today's world?
a	extinct
b	absurd
c	additional
d	redundant
21	The police used tear gas to _____ the crowd?
a	disburse
b	collect
c	attack
d	disperse
22	The company gave in to the demands of the employees as it found them _____ ?
a	illegal
b	irrational
c	legitimate
d	formidable
23	The owner of the house was _____ at the watchman for letting in a stranger?
a	indulgent
b	impatient
c	indifferent
d	indignant
24	During the elections political parties try to _____ their rivals in order to gain advantage?
a	laud
b	covet
c	commend
d	vilify
25	Sarthak _____ everything that a leader should be. ?
a	epitomizes
b	adores
c	worships
d	clones

26	When is the national Science day celebrated to commemorate the contribution of CV Raman?	
	a	28 February
	b	14 February
	c	19 December
	d	16 November
27	The birth anniversary of _____ is celebrated as ' International Nurses Day' every year. ?	
	a	Clara Barton
	b	Alice Walker
	c	Florence Nightingale
	d	Mother Teresa
28	Who was India's first Chief of Defense Staff?	
	a	General Bipin Rawat
	b	General Arjan Singh
	c	General Vijay Kumar Singh
	d	General Manoj Mukund Naravane
29	_____ Bank has become the first bank in the country to introduce Iris Scan Authentication?	
	a	Axis Bank
	b	Canara Bank
	c	Bandhan Bank
	d	Yes Bank
30	In terms of total land area what is India's rank in the world in the list of largest countries?	
	a	4
	b	5
	c	6
	d	7
31	Introducing Kavi, Veena said, "She is the sister of the son of the wife of my husband." How is veena related to Kavi ?	
	a	Daughter
	b	Sister
	c	Mother
	d	Aunt
32	Dev is the brother of Sneha and son of Mayank. Swati is the sister of Sneha. How is Mayank related to Swati ?	
	a	Son
	b	Brother
	c	Father
	d	Sister
33	A train travelling at a speed of 30 m/sec crosses a platform, 600 meters long, in 30 seconds. The length (in meters) of train is?	
	a	120
	b	150
	c	200
	d	300

34	A can do a piece of work in 4 hours; B and C can do it in 3 hours. A and C can do it in 2 hours. How long will B alone take to do it ?	
	a	10 hours
	b	12 hours
	c	8 hours
	d	24 hours
35	The finger like projections in the small intestine are called _____	
	a	Cilia
	b	Pseudopodia
	c	Laminae
	d	Villi
36	The force of attraction between two objects is called the ?	
	a	centripetal force
	b	electromagnetic force
	c	gravitational force
	d	centrifugal force
37	One who possesses many talents' One word substitute for the given word is?	
	a	Exceptional
	b	Versatile
	c	Wisdom
	d	Nubile
38	In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.	
	a	constituet
	b	conctituet
	c	iliterrate
	d	constitute
39	Why is the color of papaya yellow?	
	a	Caricaxanthin
	b	Papain
	c	Carotene
	d	Lycopene
40	The study of Heavenly bodies is Known as _____ ?	
	a	Astrophysics
	b	Astronautics
	c	Astrology
	d	Astronomy
41	The largest public sector undertaking in the country is?	
	a	Railways
	b	Airways
	c	Roadways
	d	Iron and Steel Plants
42	Which of these is the plant important in sericulture?	
	a	Cassia
	b	Legumes
	c	Mulberry
	d	Pea

43	Which of these is the small-scale industry in India?
a	Jute industry
b	Paper Industry
c	Textile Industry
d	Handloom Industry
44	What is the reason behind the Bats flying in the dark?
a	they produce high pitched sounds called ultrasonic's
b	the light startles them
c	they have a perfect vision in the dark
d	none of the above
45	Oncology is the study of:
a	Birds
b	Cancer
c	Mammals
d	Soil
46	The father of Indian missile technology is _____?
a	Dr Homi Bhabha
b	Dr Chidambaram
c	Dr U.R. Rao
d	Dr A.P.J. Abdul Kalam
47	The green planet in the solar system is?
a	Mars
b	Uranus
c	Venus
d	Earth
48	What is the name of the weak zone of the earth's crust?
a	Seismic
b	Cosmic
c	Formic
d	Anaemic
49	At which place on earth are there days & nights of equal length always?
a	Equator
b	Poles
c	Prime Meridian
d	Nowhere
50	What is the name of the first Indian woman who wins the Man Booker Prize?
a	Salman Rushdie
b	Arundhati Roy
c	V.S. Naipaul
d	Kiran Desai
51	If + denotes -, - denotes \times , \times denotes \div and \div denotes +, then what will be the value of $25 - 2 \div 10 \times 5 + 2 = ?$
a	10
b	26
c	58
d	50

52	Rs. 700 is divided among A, B, C so that A receives half as much as B and B half as much as C. Then C's share is _____ ?	
	a	Rs 400
	b	Rs 500
	c	Rs 200
	d	Rs 300
53	If the cost price of 25 pens is equal to the selling price of 20 pens, then the profit percent is _____ ?	
	a	20%
	b	25%
	c	15%
	d	5%
54	Which of the following shortcut key is used to check spelling in a computer keyboard?	
	a	F1
	b	F2
	c	F7
	d	F9
55	A program which helps to create written document and lets you go back and make corrections as necessary?	
	a	Home row keys
	b	Tool bar
	c	Folder
	d	Word processor
56	Which option in PowerPoint allows to carry slides from one computer to another?	
	a	Save As
	b	Save and Go
	c	Pack and Go
	d	Web and Go
57	_____ Search engine sends request for information to several search engines simultaneously and compiles the results?	
	a	Meta
	b	Individual
	c	Directory
	d	Subject directory
58	Programs such as Internet Explorer that serve as navigable windows into the Web are called?	
	a	Internet
	b	Networks
	c	Hypertext
	d	Web browsers
59	Spot the Error in the given sentence: "the two states frequently has differences over the use of the river water, especially during the summer months?"	
	a	Over the use of the river water
	b	The two states frequently
	c	has differences
	d	especially during the summer months

60	Spot the Error in the given sentence: Over the years, the writer Amish has evolved to what millions of youngsters aspires to be today – an intellectual?	
	a	Over the years
	b	aspires to be today
	c	Amish has evolved
	d	millions of youngsters
61	The gap between two neurons are called _____	
	a	Synapse
	b	Dendrite
	c	Axon
	d	Cell body
62	A Parking lot Contains 160 Vehicles. Each Vehicle is either a car or a truck, and each vehicle is either red or green. 70 vehicles are red, and 120 vehicles are cars. If there are 18 green trucks, how many red cars are there?	
	a	54
	b	50
	c	48
	d	45
63	In a certain code language, CAT is written as 3120. How would DOG be written in that code?	
	a	4157
	b	4147
	c	5158
	d	6168
64	If ZEBRA is coded as AYDQZ, how would LION is coded?	
	a	MJPO
	b	KHQM
	c	MJQN
	d	KPJN
65	Find the missing number in the sequence: 5, 10, 17, 26, ___?	
	a	37
	b	38
	c	35
	d	40
66	Choose the word that best completes the sentence: "She was very _____ about her decision to move abroad."	
	a	Ambiguous
	b	Ambitious
	c	Anxious
	d	Certain
67	If the day before yesterday was Wednesday, what day will it be tomorrow?	
	a	Friday
	b	Saturday
	c	Sunday
	d	Thursday

68	A survey showed that 60% of participants preferred coffee over tea. If 150 people were surveyed, how many preferred coffee?
	a 90
	b 100
	c 120
	d 75
69	If the first day of a month is a Sunday, which day of the week will be the last day of that month if it has 30 days?
	a Saturday
	b Sunday
	c Monday
	d Tuesday
70	Which system in the human body is responsible for transporting nutrients, oxygen, and hormones to cells?
	a Nervous system
	b Circulatory System
	c Digestive System
	d Excretory System
71	The sum of the current ages of Asma and her grandfather is 80 years. 10 years from now, Asma's age will be one-fourth of her grandfather's age. What is Asma's current age?
	a 16 years
	b 12 years
	c 20 years
	d 10 years
72	Five articles A, K, P, R and T are kept one above the other (not necessarily in the same order). Only T is between K and P. P is below K. R is just below P. A is three places below T, Which article is at the bottom?
	a T
	b P
	c K
	d A
73	'Laziness' is related to 'Alertness' in the same way as 'Hostility' is related to '_____'?
	a Pride
	b congeniality
	c Violence
	d opposition
74	Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair. (in the same order) Thermometer: Temperature?
	a Odometer : Pressure
	b Scale : Humidity
	c Barometer : Depth
	d Anemometer : Wind
75	What is the term for a genetic change that occurs in a population over time?
	a Evolution
	b Mutation
	c Natural selection
	d Speciation

76	‘Pivot Table’ is a feature of which of the following software’s?	
	a	Microsoft Access
	b	Microsoft Word
	c	Microsoft Excel
	d	Microsoft PowerPoint
77	What is the role of insulin in the body?	
	a	Breaks down proteins
	b	Helps in fat digestion
	c	Produce red blood cells
	d	Regulates blood sugar
78	The average weight of a class of 24 students is 35 kg. If the weight of the teacher be included, the average rises by 400 g. The weight of the teacher is _____?	
	a	45 kg
	b	46 kg
	c	47 kg
	d	48 kg
79	The part of the digestive system where no digestion takes place is?	
	a	Mouth
	b	Stomach
	c	Oesophagus
	d	ileum
80	The instrument by which BP of man is determined?	
	a	Stethoscope
	b	Sphygmomanometer
	c	BP meter
	d	Ultrasound
81	Which of the following gases is not released by the leaves of a plant?	
	a	Carbon dioxide
	b	Oxygen
	c	Nitrogen
	d	Water vapour
82	Which of the following is a vestigial organ in human body?	
	a	Spleen
	b	Thyroid
	c	Gall bladder
	d	Wisdom teeth
83	What will be the next number in the series 13, 17, 19, 23, 29,?	
	a	31
	b	33
	c	35
	d	37
84	Which of the following set of letters complete the letter series, when sequentially placed at the gaps? _ ab _ b _ aba _ _ abab	
	a	abbab
	b	abbaa
	c	abaab
	d	Aaaba

85	If the word 'LION' is coded as LMGJ. How is 'MILK' written in that code?	
	a	JKFL
	b	KLIM
	c	KILM
	d	IJGK
86	Which of the following is different from others?	
	a	Barber
	b	Blacksmith
	c	Tailor
	d	Carpenter
87	Looking at the portrait of a man, Mohan said, "His mother is the wife of my father's son and I have no brother and sister." at whose portrait was Mohan looking?	
	a	His sister
	b	His son
	c	His cousin
	d	His nephew
88	In a party, 60% of the invited guests are male and 40% are female. If 80% of the invited guests attended the party and if all the invited female guests attended, what would be the ratio of males to females among the attendees in the party?	
	a	2:3
	b	3:2
	c	1:1
	d	2:1
89	Sum of the age of 4 children born at interval of 4 years is 36. What is the age of youngest child?	
	a	2 years
	b	3 years
	c	4 years
	d	5 years
90	Subhash has 90 currency notes, some of which are Rs. 1000 denomination and rest of Rs. 500 denomination. The total amount is Rs 71,000. How many notes he has in denomination of Rs. 500?	
	a	30
	b	32
	c	38
	d	34
91	Which of the following, can neither be created nor be destroyed ?	
	a	Force
	b	Energy
	c	Momentum
	d	Power
92	The pH of pure water is ?	
	a	2
	b	6
	c	7
	d	8

93	What does 'T' stand for in ATM ?
	a Teller
	b Trunk
	c Translation
	d Transfer
94	Every computer connected to an intranet or extranet must have a distinct
	a Brand name
	b Firewall
	c IP address
	d Domain Name
95	What is the full form of UPI ?
	a Universal Payment Instrument
	b Unified Payments Interface
	c United Payment Infrastructure
	d Ultimate Payment Instrument
96	Which country hosted the G20 Summit in 2023?
	a Australia
	b Italy
	c Brazil
	d India
97	In 2023, which space agency successfully launched the first mission to study the Sun's atmosphere, named "Aditya-L1"?
	a NASA
	b ESA
	c ISRO
	d Roscosmos
98	Which blood vessel carries oxygenated blood from the lungs to the heart?
	a Pulmonary artery
	b Pulmonary vein
	c Aorta
	d Vena cava
99	What is the process by which plants make their food using sunlight?
	a Transpiration
	b Photosynthesis
	c Respiration
	d Reproduction
100	Gaurav is having 5000 chocolates and he decides to distribute these among his 23 friends. To make sure that every friend gets equal number of chocolates, he decides to eat x number of chocolates. What can be the minimum value of x?
	a 10
	b 2
	c 7
	d 9