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**MIT WORLD PEACE  
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

**UGPET-Entrance Examination**  
**Program BSc(Computer Science) / BCA**  
**UGPET Sample Paper**

Instructions

- Total Questions : 100
- Total Time : 60 Minutes
- No Negative marking

Q. 1	A car left from a Place A at 8.12 am and reached the Place B, 180 miles distant at 11.57 am. What was its average speed in miles per hour?		
1	78	3	48
2	50	4	60

Q. 2	What is the first number in the series ? 19 23 29 31		
1	15	3	16
2	17	4	30

Q. 3	A cube has a volume of 512 cubic meters. If each side is doubled in length what will be it's new Volume in cubic meters?		
1	4096	3	5000
2	5182	4	6897

Q. 4	Bhakti gets a salary increase of 5% plus an extra \$10 per week. Her present salary is \$300 per week. What will be her new salary?		
1	310	3	375
2	325	4	360

Q. 5	Two boys start from the same place and walk at the rate of 4 kmph and 4.5 kmph respectively. When will they be 17 km apart if they walk in opposite direction?		
1	3 hrs.	3	5 hrs.

2	4 hrs.	4	2 hrs.
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Q. 6	If the SP of 10 articles is the same as the CP of 11 articles, find the gain percent?		
1	10%	3	15%
2	25%	4	20%

Q. 7	What number comes next in each sequence below? 1, 3, 6, 10, 15, 21, 28, _____		
1	35	3	36
2	30	4	33

Q. 8	_____ is a unit of electric current		
1	Ampere	3	None of these
2	Joule	4	calorie

Q. 9	If $x:y::3:4$ . Find the ratio of $7x-4y:3x+y$ .		
1	2:7	3	5:13
2	5:11	4	11:3

Q. 10	One dozen apple and 5 pounds of mango are currently the same price. If the price of one pound mango rises by 5% and the price of one dozen apple goes up by 10%. How much will it cost to buy a dozen of apple and 5 pounds of mango?		
1	12%	3	5%
2	7.5%	4	13%

Q. 11	In a class of 50 students, 28 like pop music and 20 like classical music. If 10 students like neither of the two kinds of music, find the number of students who like both kinds of music.		
1	None	3	5
2	8	4	3

Q. 12	A can hit a target 6 times in 7 shots. B can hit the target 4 times in 5 shots, C can hit 3 times in 4 shots. What is the chance that the target is damaged by exactly 2 shots?		
1	40/140	3	18/140
2	54/140	4	30/140

Q. 13	In triangle ABC, $AE=DE=DC$ . If the area of triangle BEC is 48, what is the area of ABC?		
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1	80	3	78
2	72	4	68

Q. 14	What will be the simple interest on Rs.700 at 9% per annum for the period from February 5,1994 to April 18,1994?		
1	Rs.15.0	3	Rs.12.60
2	Rs.15.55	4	Rs.17.50

Q. 15	John takes 10 hours for his trip. For the first five hours his average speed was 40mph. For the next five hours his average speed was 50mph. What was John's average speed during his journey?		
1	50 mph	3	45 mph
2	35 mph	4	25 mph

Q. 16	Line BC divides triangle ADE into sections, one of which is an isosceles triangle such that AB=AC. Angle B, one of the base angles, is equal to 75 degree . What is the sum of the measures of angles D and E?		
1	175 degree	3	160 degree
2	170 degree	4	150 degree

Q. 17	Who is the father of Computer?		
1	Allen Turing	3	Charles Babbage
2	Simur Cray	4	Augusta Adaming

Q. 18	What number comes next in each sequence below? 1, 3, 7, 15, 31, 63, 127, ____		
1	255	3	254
2	None	4	131

Q. 19	A CPU contains		
1	a card reader and a printing device	3	an analytical engine and a control unit
2	a control unit and an arithmetic logic unit	4	an arithmetic logic unit and a card reader

Q. 20	Coded entries which are used to gain access to a computer system are called		
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1	Entry codes	3	Passwords
2	Security commands	4	Code Words

Q. 21	What number comes next in each sequence below? 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, _____		
1	56	3	60
2	58	4	55

Q. 22	You organize files by storing them in		
1	archives	3	folders
2	lists	4	Indexes

Q. 23	What letter comes in the blank in each sequence below? A, C, F, J, _____, U		
1	P	3	Q
2	O	4	M

Q. 24	What letter comes in the blank in each sequence below? A, D, G, J, M, P, S, _____		
1	I	3	L
2	M	4	V

Q. 25	The average of 4 consecutive odd numbers is 50. What is the greatest number?		
1	53	3	54
2	60	4	73

Q. 26	Which device is required for the Internet connection?		
1	Joystick	3	Modem
2	CD Drive	4	NIC Card

Q. 27	CD-ROM stands for		
1	Compactable Read Only Memory	3	Compact Data Read Only Memory
2	Compactable Disk Read Only Memory	4	Compact Disk Read Only Memory

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Q. 28	ALU is		
1	Arithmetic Logic Unit	3	Array Logic Unit
2	Application Logic Unit	4	None of above

Q. 29	WAN stands for		
1	Wide Area Network	3	Wap Area Network
2	Wide Array Net	4	Wireless Area Network

Q. 30	If a pipe A can fill a tank in 40 minutes and pipe B fill the same tank in 30 minutes. How long will it take for both pipes together to fill the tank?		
1	16	3	13
2	14	4	17 1/7

Q. 31	A earns 25% more than B. By how much percent is B's income less than that of A?		
1	15%	3	20%
2	10%	4	25%

Q. 32	A computer cannot 'boot' if it does not have the		
1	Compiler	3	Loader
2	Operating System	4	Assembler

Q. 33	The amount of vertical space between lines of text in a document is called		
1	double-space	3	line spacing
2	single space	4	vertical spacing

Q. 34	First page of Website is termed as-		
1	Home Page	3	Index

2	Java Script	4	Bookmark
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Q. 35	What letter comes in the blank in each sequence below? B, C, D, F, G, H, J, _____		
1	I	3	K
2	M	4	L

Q. 36	Which of the following is not anti- viruses' software?		
1	Oracle	3	NAV
2	McAfee	4	F-Prot

Q. 37	What letter comes in the blank in each sequence below? X, W, C, D, V, U, E, F, _____		
1	T	3	S
2	O	4	G

Q. 38	..... represents raw facts, whereas.....is data made meaningful.		
1	Information, reporting	3	Data, information
2	Information, bits	4	Records, bytes

Q. 39	Modern Computer are very reliable but they are not		
1	Powerful	3	Cheap
2	Fast	4	Infallible

Q. 40	The ratio of milk and water in a 20litre mixture is 3:1. How much milk must be added so that this ratio becomes 4:1?		
1	3.5 litres	3	2 litres
2	4.4 litres	4	5 litres

Q. 41	A can do a piece of work in 25 days and B can do it in 20 days. They work together for 5 days and then A goes away. In how many days will B finish the work?		
1	11 days	3	19 days

2	12 days	4	15 days
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Q. 42	to go to a specific location in a document we use:		
1	Table of Contents	3	Hypertext
2	Macro	4	Bookmark

Q. 43	Which feature is used to make selected sentence to All Capital Letters or All Small Letters?		
1	Change Letter	3	Change Word
2	Change case	4	Change Sentence

Q. 44	Superscript, subscript, strikethrough are known as?		
1	Font Face	3	Font Style
2	Font Effect	4	Font Format

Q. 45	By default, Footers are printed on:		
1	First Page	3	All Pages
2	Last Page	4	Even Pages

Q. 46	Which one is the spreadsheet application that comes with MS Office software group?		
1	MS Word	3	MS Excel
2	MS Power Point	4	MS Access

Q. 47	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences His [appointment] was confirmed last month		
1	Discharge	3	Disappointment
2	Dismissal	4	Suspension
5	None of these		

Q. 48	You are in a running race, and you overtake third place. What place are you in?		
1	Fourth	3	Second
2	first	4	Third

Q. 49	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences He was asked to [accelerate] the pace of work		
1	Supervise	3	Control
2	Check	4	Slacken
5	None of these		

Q. 50	13 ducks and a pigeons were bought for Rs.1291.85. If the average price of a duck is Rs.74, what is the average price of a pigeon?		
1	Rs.42.25	3	Rs.45.55
2	Rs.36.65	4	Rs.40

Q. 51	The following is NOT a Microsoft Operating System		
1	Windows MT	3	Windows XP
2	Windows NT	4	Windows 98

Q. 52	To shut down my computer correctly, I would:		
1	Turn off the power switch	3	Click on 'Start', then select 'Shut Down',
2	Click on 'Start', then select 'Reset'	4	Simply turn off the monitor

Q. 53	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences This is the [cardinal] point of the issue		
1	Insignificant	3	Minor
2	Debatable	4	Vital
5	None of these		

Q. 54	One MB is equal to		
1	1024KB	3	1000bytes
2	The amount of RAM in every computer	4	256bytes



Q. 55	A computer port is used to		
1	Connect computers together	3	Download files from the web
2	Communicate with other computer peripherals	4	Communicate with all hard drives

Q. 56	The main computer that stores the files that can be sent to computers that are networked together		
1	Clipart	3	File server
2	None of these	4	Motherboard

Q. 57	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences She is loved by all for her [meekness]		
1	None of these	3	Harshness
2	Passion	4	Anger
5	Pride		

Q. 58	Solve the following. Take 1000 and add 40. Now add another 1000. Now add 30. Add another 1000. Now add 20. Now add another 1000. Now add 10. What is the total?		
1	4300	3	4100
2	3100	4	5000

Q. 59	Name the Desktop Database application that is part of MS Office suit.		
1	MS Word	3	MS Excel
2	MS Power Point	4	MS Access

Q. 60	Hardware devices that are not part of the main computer system and are often added later to the system.		
1	Peripherals	3	Select
2	execute	4	highlight

Q. 61	Main circuit board in a computer		
1	Networkcard	3	Motherboard
2	Floppy	4	Noneof these

Q. 62	The letters, "DOS" stand for		
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1	Data out system	3	Disk out system
2	Data operating system	4	Disk Operating System

Q. 63	What is the opposite of honest?		
1	Unhonest	3	Dishonest
2	Non-honest	4	Inhonest

Q. 64	A digital clock reads 02:00. Three and a quarter hours later, it fell upside down. If you see it through a mirror, it should read 51:50.		
1	Don't know	3	true
2	false		

Q. 65	Some months have thirty days, some have thirty-one. How many have twenty-eight?		
1	one	3	two
2	twelve	4	four

Q. 66	We have copied an image from one document, now which shortcut will we use to paste it in another document?		
1	Ctrl + p	3	Ctrl + v
2	Ctrl + v	4	Ctrl + s

Q. 67	What is the noun that can be formed out of the word 'strong'?		
1	Strongness	3	Strongly
2	Strength	4	Strongest

Q. 68	The Internet is a system of		
1	Interconnected networks	3	Web pages
2	websites	4	None of these

Q. 69	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences It was really [gracious] occasion for me		
1	Benign	3	infructuous
2	infructuous	4	Churlish
5	None of these		

Q. 70	General Mental Ability		
	Spot the odd number out:-		
1	17	3	15
2	9	4	18
5	3		

Q. 71	Which letter is silent in 'friend'?		
1	I	3	R
2	N	4	F

Q. 72	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences		
	The boy found himself in a [pathetic] situation		
1	None of these	3	Common
2	Surprising	4	Marvelous
5	Comical		

Q. 73	General Mental Ability		
	In the given sequence what does X stand for?		
	236,266,293,317,X,356		
1	328	3	338
2	318	4	348
5	None of these		

Q. 74	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences		
	He is very [meticulous] in keeping accounts		
1	Careless	3	None of these
2	Irregular	4	Irresponsible
5	Clumsy		

Q. 75	What is the opposite of guilty?		
1	Truthful	3	Innocent
2	UngUILTY		

Q. 76	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences		
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	Moments of solitude and silence helped the poet to [concentrate] on his poetic combination		
1	Disturb	3	Distract
2	Confound	4	None of these
5	Contradict		

Q. 77	Find odd out		
1	Wardrobe	3	Mattress
2	Pillow	4	Blanket

Q. 78	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences Should I [communicate] the date of the meeting to all the members?		
1	Withhold	3	Yield
2	None of these	4	Refrain
5	Conceal		

Q. 79	Which is not a type of margin?		
1	Center	3	Top
2	Right	4	Left

Q. 80	General Mental Ability If the mean(average) of 5 numbers is 5.4,what is the total sum of these numbers?		
1	30	3	29
2	27	4	25
5	None of these		

Q. 81	A gas stove originally cost Rs.500 and was discounted at 10% .After 2 months it was sold after being discounted at 15%.What was the sale price?		
1	380.50	3	None of these
2	381.50	4	382.50
5	385.50		

Q. 82	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences Always [avoid] late night jobs		
1	Take	3	Pursue

2	Inspire	4	Compel
5	None of these		

Q. 83	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence He did not succeed in his [endeavour]		
1	Enterprise	3	Trick
2	Effort	4	None of these

Q. 84	Choose the word which is closest to the opposite in meaning of the word or phrase enclosed in bracket in each of the following sentences She is [slender] in figure		
1	None of these	3	Strong
2	Slim	4	Well-built
5	Stout		

Q. 85	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence Her new glasses make her look rather [owlish]		
1	Foolish	3	Stupid
2	Silly	4	Solemn
5	None of these		

Q. 86	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence His desire to help the villager's is [genuine]		
1	Sincere	3	Good
2	Accurate	4	Correct
5	Real		

Q. 87	What is 30% of 450?		
1	180	3	150
2	135	4	1350
5	None of these		

Q. 88	4.5 = ? % of 4		
1	112.5	3	81
2	80	4	125

5	None of these		
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Q. 89	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence They feel that we should be fully aware of our own [environment]		
1	Atmosphere	3	Family
2	Surroundings	4	Heredity
5	None of these		

Q. 90	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence Gandhiji had [proposed] the path of non-violence		
1	Followed	3	Accepted
2	Suggested	4	None of these
5	Adopted		

Q. 91	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence In the meeting ,the minister [floated] a couple of new ideas		
1	Advised	3	None of these
2	Gave	4	Offered
5	Presented		

Q. 92	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence I tried to persuade him to change his mind,but he remained [adamant]		
1	None of these	3	Fixed
2	Defensive	4	Stubborn
5	Aggressive		

Q. 93	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence He was given a [severe] warning for coming late		
1	Strict	3	Rigorous
2	Stern	4	harsh
5	None of these		

Q. 94	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence		
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	The boy was [fired] for continually coming late to school		
1	None of these	3	Beaten
2	Abused	4	Scolded
5	Dismissed		

Q. 95	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence Seeds need sufficient water and air to [germinate]		
1	Reproduce	3	Sprout
2	Grow	4	Breed
5	None of these		

Q. 96	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence As they whispered ,I felt [awkward] in their company		
1	Embarrassed	3	Hilarious
2	Ashamed	4	Inconvenient
5	None of these		

Q. 97	Complete the series :- 81,27,9,3, ?		
1	None of these	3	2
2	1	4	3
5	0		

Q. 98	Choose the word which can replace the word enclosed in bracket without changing the meaning of the sentence He deserved the [accolade] he received		
1	None of these	3	Blame
2	Comment	4	Appreciation
5	Honour		

Q. 99	Complete the series:- 2,15,41,80 , ?		
1	121	3	120
2	111	4	132

Q. 100	The average of X1,X2,X3,X4 is 16.Half of the sum of X2,X3,X4 is 23 .What is the value of X1?		
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1	19	3	18
2	17	4	None of these
5	20		