Goa Staff Selection Commission
6th Floor, 3rd Lift, SPACES Building, Patto Plaza, Panaji-Goa – 403001.

COMPUTER BASED TEST

Post Name : Laboratory Technician

1	Question Description *	भाचो-भाची, नातू-नात जाल्यार पूत- .... ?
	A *	धूव
	B *	पत्रिका
	C *	पूतणयी
	D *	कुंव
	E *	None of the above
	Marks *	1
	Answer *	a

2	Question Description *	माडार चड्डून 'सूर' काडटा तो ....
	A *	भाटकार
	B *	मुंडकार
	C *	पाडेली
	D *	रेंदेर
	E *	None of the above
	Marks *	1
	Answer *	d

3	Question Description *	'म्हारग' ह्या उतराचें भाव नाव .... जाता
	A *	सवाय
	B *	म्हारगाय
	C *	सवस्तकाय
	D *	मार्गांवेलो
	E *	None of the above
	Marks *	1
	Answer *	b

4	Question Description *	वामन रघुनाथ वर्दे वालावलीकार हांकां.......... ह्या नावान वळखतात.
	A *	बयाभाव
	B *	अभिजित
	C *	बाकीबाब
	D *	शणै गोंयबाब
	E *	None of the above
	Marks *	1
	Answer *	d

5	Question Description *	म्हाकां तुजे उपकार नाकात. ह्या वाक्यांतलें खंयचे उतर वाक्याक न्हयकारी ठरयता?
	A *	म्हाकां
	B *	तुजे
	C *	उपकार
	D *	नाकात
	E *	None of the above
	Marks *	1
	Answer *	d

6	Question Description *	जांबळीक लागतात जांबळां / बोरिक लागतात बोरां,/ काजीक लागतात म्हुट्टे / जाल्यार नाल्ल कोणाक लागतात ?
	A *	नाल्लीक
	B *	फोफळीक
	C *	आडसराक
	D *	माडाक
	E *	None of the above
	Marks *	1
	Answer *	d

7	Question Description *	मातयेच्या आयदनानी हंतुतलो कोण वेगळोसो दिसता ?
	A *	पणती
	B *	दिवज
	C *	गाडगो
	D *	दिवली
	E *	None of the above
	Marks *	1
	Answer *	d

8	Question Description *	वामन रघुनाथ वर्दे वालावलीकार हांकां.......... ह्या नावान वळखतात.
	A *	बयाभाव
	B *	अभिजित
	C *	बाकीबाब
	D *	शणै गोंयबाब
	E *	None of the above
	Marks *	1
	Answer *	d

9	Question Description *	पणसाळीचें पणसा झाड जाता, आमुल्लेचें आम्या झाड जाता जाता जाल्यार कवाथ्याचो .... जाता.
	A *	कारो
	B *	माड
	C *	किदळ
	D *	माडी
	E *	None of the above
	Marks *	1
	Answer *	b

10	Question Description *	मेस्त लाकूड कापपाक वापरतात ताका .... म्हणतात.
	A *	सुरी
	B *	तुतयो
	C *	करवत
	D *	थापी
	E *	None of the above
	Marks *	1
	Answer *	c

11	Question Description *	Choose the alternative that is opposite in meaning to the underlined word: The court declared him <u>innocent.</u>
	A *	free
	B *	guilty
	C *	wicked
	D *	illegal
	E *	None of the above
	Marks *	1
	Answer *	b

12	Question Description *	Choose the alternative that is opposite in meaning to the underlined word: He <u>exaggerated</u> the damage caused by the fire in the godown.
	A *	condoned
	B *	understated
	C *	embellished
	D *	expanded
	E *	None of the above
	Marks *	1
	Answer *	b

13	Question Description *	Choose the correct alternative: They say that Rani just looked _____them.
	A *	from
	B *	through
	C *	on
	D *	into
	E *	None of the above
	Marks *	1
	Answer *	b

14	Question Description *	Given below are 4 parts of a sentence. Rearrange the parts to form a meaningful sentence. A. Who are B) Have you ever C) extremely good D) seen speakers or actors
	A *	BCAD
	B *	DACB
	C *	BDAC
	D *	CDBA
	E *	None of the above
	Marks *	1
	Answer *	c

15	Question Description *	Choose the correct one-word substitute for the underlined phrase: This hand sewing machine can easily be carried anywhere.
	A *	Cartable
	B *	Portable
	C *	Potable
	D *	Relatable
	E *	None of the above
	Marks *	1
	Answer *	b

16	Question Description *	Choose the alternative that best expresses the meaning of the underlined word: He was given a <u>lethal</u> dose of poison.
	A *	high
	B *	safe
	C *	smooth
	D *	deadly
	E *	None of the above
	Marks *	1
	Answer *	d

17	Question Description *	Choose the correct alternative: He has _____ the meeting to next week.
	A *	put up
	B *	put off
	C *	put on
	D *	put away
	E *	None of the above
	Marks *	1
	Answer *	b

18	Question Description *	Choose the alternative that best expresses the meaning of the underlined word: I have been advising him to see the doctor for his <u>ulcer.</u>
	A *	lining
	B *	scare
	C *	sore
	D *	cure
	E *	None of the above
	Marks *	1
	Answer *	c

19	Question Description *	Choose the correct one-word substitute for the underlined phrase: The teacher complained that your assignment was <u>not clear enough to read</u>.
	A *	Eligible
	B *	Legible
	C *	Negligible
	D *	illegible
	E *	None of the above
	Marks *	1
	Answer *	d

20	Question Description *	Choose the correct alternative: I travelled with my parents _____the world, before I turned 19.
	A *	around
	B *	round
	C *	over
	D *	in
	E *	None of the above
	Marks *	1
	Answer *	a

21

Question Description *	A student needs 40% marks to pass an examination. If he gets 305 marks and fails by 15 marks, then the maximum marks for the examination is
A *	600
B *	800
C *	150
D *	650
E *	None of the above
Marks *	1
Answer *	b

22

Question Description *	What sum will amount to Rs. 6600 in 4 years at 8% per annum simple interest?
A *	Rs. 5200
B *	Rs. 4000
C *	Rs. 4500
D *	Rs. 5000
E *	None of the above
Marks *	1
Answer *	d

23	Question Description *	A rectangular field is 30 meters by 40 meters. What distance is saved by walking diagonally across the field?
	A *	10 m.
	B *	20 m.
	C *	30 m.
	D *	5 m.
	E *	None of the above
	Marks *	1
	Answer *	b

24	Question Description *	An amount of Rs.60000 is to be shared by A,B and C in the ratio 2:3:5. What will be the difference between the amounts of A and C.
	A *	Rs. 16,000
	B *	Rs. 15,000
	C *	Rs. 10,000
	D *	Rs. 30,000
	E *	None of the above
	Marks *	1
	Answer *	e

25	Question Description *	If the difference of two numbers is 3 and the difference of their squares is 27 then the smaller number is
	A *	3
	B *	6
	C *	9
	D *	2
	E *	None of the above
	Marks *	1
	Answer *	a

26	Question Description *	If P, Q and R are 3 numbers such that P: Q =3: 4 and Q: R= 6: 1, then P: R = ?
	A *	3:1
	B *	2:9
	C *	9:2
	D *	2:3
	E *	None of the above
	Marks *	1
	Answer *	c

27	Question Description *	Find the value of $2 [3 + \{5 \div 4 - 1 \div (4\frac{1}{3} - \frac{1}{3})\}]$
	A *	8
	B *	7
	C *	6
	D *	5
	E *	None of the above
	Marks *	1
	Answer *	a

28	Question Description *	'A' can do a piece of work in 2x days and 'B' can do the same work in 4x days. To finish the work together they take 12 days. What is the value of x?
	A *	8
	B *	9
	C *	12
	D *	14
	E *	None of the above
	Marks *	1
	Answer *	b

29	Question Description *	Given, a - b + c + 250 = 362, if a = 2b and c = 3a then b = ?
	A *	15
	B *	16
	C *	35
	D *	40
	E *	None of the above
	Marks *	1
	Answer *	b

30	Question Description *	What number must be subtracted from each of the numbers 15, 17, 26 and 30 so that they become in proportion?
	A *	2
	B *	3
	C *	6
	D *	4
	E *	None of the above
	Marks *	1
	Answer *	d

31

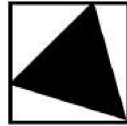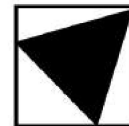| Question Description *	Select the figure out from the answer figures labeled a, b, c and d showing the unfolded pattern after the cut.
A *	a
B *	b
C *	c
D *	d
E *	None of the above
Marks *	1
Answer *	c
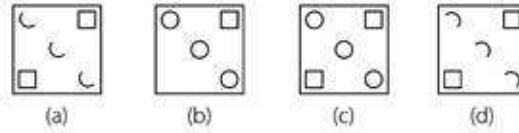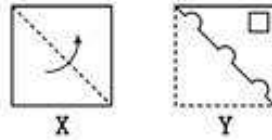
32
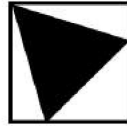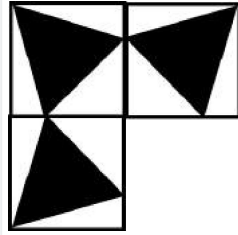
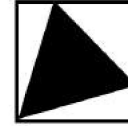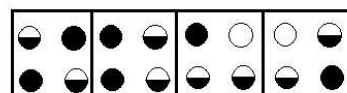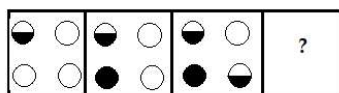|	
Question Description *	Identify the figure from the answer figures numbered 1, 2, 3 and 4 that completes the following pattern.
A *	1
B *	2
C *	3
D *	4
E *	None of the above
Marks *	1
Answer *	b

33

Question Description *	Select the figure from the Answer figures numbered 1, 2, 3, 4 that will substitute the question mark so that a series is formed.
A *	1
B *	2
C *	3
D *	4
E *	None of the above
Marks *	1
Answer *	a

34

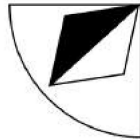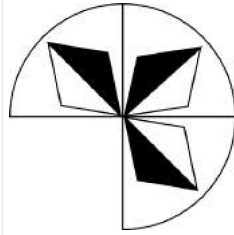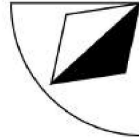| Question Description *	Which of the following alternatives will replace the question mark in the given puzzle?
A *	4
B *	2
C *	5
D *	3
E *	None of the above
Marks *	1
Answer *	e

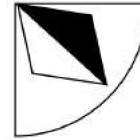|		
35	Question Description *	Identify the figure from the answer figures numbered 1, 2, 3 and 4 that completes the following pattern.
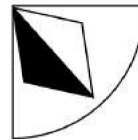
A *	1
B *	2
C *	3
D *	4
E *	None of the above
Marks *	1
Answer *	b

36	Question Description *	Look carefully for the pattern, and write the missing number in place of ?.
		100 14 88 27 **?** 53 28 92
	A *	46
	B *	64
	C *	55
	D *	38
	E *	None of the above
	Marks *	1
	Answer *	b

37	Question Description *	In the question given below, there are two statements labeled Assertion (A) and Reason (R)
		Make your answer as per the codes given below.
		Assertion (A) Petrol fire can't be extinguished by pouring water over it
		Reason (R) Water is heavier than petrol
	A *	Both A and R are true and R is the correct explanation of A
	B *	Both A and R are true but R is not the correct explanation of A
	C *	A true but R is false
	D *	A is false but R is true
	E *	None of the above
	Marks *	1
	Answer *	a

38	Question Description *	Statements:
		Some flies are pigeon.
		All pigeons are oranges.
		
		Conclusions:
		        i) All oranges are pigeons.
		        ii) Some flies are oranges.

	A *	Only i) conclusion follows
	B *	Only ii) conclusion follows
	C *	Either i) or ii) follows
	D *	Both i) and ii) follow
	E *	None of the above
	Marks *	1
	Answer *	b

39	Question Description *	Look carefully for the pattern, and write the missing number in place of ?. 100 14 88 27 **?** 53 28 92
	A *	46
	B *	64
	C *	55
	D *	38
	E *	None of the above
	Marks *	1
	Answer *	b

40	Question Description *	Arrange the following words in a meaningful sequence.
		1. froglets
		2. tadpoles
		3. eggs
		4. frog
	A *	3, 2, 1, 4
	B *	4, 3, 2, 1
	C *	3, 2, 4, 1
	D *	3, 1, 2, 4
	E *	None of the above
	Marks *	1
	Answer *	a

41	Question Description *	The compound that possesses covalent bond is
	A *	NaH
	B *	KF
	C *	BF_3
	D *	$MgCl_2$
	E *	None of the above
	Marks *	1
	Answer *	c

42	Question Description *	The least soluble compound among the following is
	A *	NaOH
	B *	KOH
	C *	LiOH
	D *	CsOH
	E *	None of the above
	Marks *	1
	Answer *	c

43	Question Description *	The most stable conformation of benzene is
	A *	Boat conformation
	B *	Chair conformation
	C *	Twist-boat conformation
	D *	Half-chair conformation
	E *	None of the above
	Marks *	1
	Answer *	e

44	Question Description *	The artificial sweetener recommended for diabetic patients is
	A *	Sucrose
	B *	Aspartame
	C *	Ethanol
	D *	Glucose
	E *	None of the above
	Marks *	1
	Answer *	b

45	Question Description *	The metal that exists in liquid state at 25 °C is
	A *	Bromine
	B *	Sodium
	C *	Boron
	D *	Zinc
	E *	None of the above
	Marks *	1
	Answer *	e

46	Question Description *	The stoichiometric coefficients **(w) , (x) , (y) and (z)** in the reaction , (w) $Al_2(SO_4)_3$ + (x) NaOH (y) $Al(OH)_3$ + (z) Na_2SO_4 are …………..
	A *	(w) : 1 , (x) : 6 , (y) : 2 , (z) : 3
	B *	(w) : 1 , (x) : 6 , (y) : 3 , (z) : 3
	C *	(w) : 1 , (x) : 4 , (y) : 2 , (z) : 2
	D *	(w) : 1 , (x) : 3 , (y) : 2 , (z) : 3
	E *	None of the above
	Marks *	1
	Answer *	a

47	Question Description *	The molecule that contains polar and nonpolar bonds is
	A *	H_2O_2
	B *	NaOH
	C *	BF_3
	D *	$CHCl_3$
	E *	None of the above
	Marks *	1
	Answer *	a

48	Question Description *	Pollination in majority of gymnosperms is by:
	A *	Air
	B *	Insects
	C *	water
	D *	Animals
	E *	None of the above
	Marks *	1
	Answer *	a

49	Question Description *	What are muscles of the heart called?
	A *	Cardiac muscles
	B *	Striated muscles
	C *	Voluntary muscles
	D *	Smooth muscles
	E *	None of the above
	Marks *	1
	Answer *	a

50	Question Description *	ICBN stands for :
	A *	Indian Code of Botanical Nomenclature
	B *	Indian Congress of Biological names
	C *	International Code of Botanical Nomenclature
	D *	International Congress of Biological Names
	E *	None of the above
	Marks *	1
	Answer *	c

51	Question Description *	The proof of semiconservative replication of DNA was given by
	A *	Hershey and Chase
	B *	Watson and Crick
	C *	Messelson and Stahl
	D *	Nirenberg and Korana
	E *	None of the above
	Marks *	1
	Answer *	c

52	Question Description *	Breakdown of this layer of the uterine wall results in menstrual flow
	A *	Endometrium
	B *	Perimetrium
	C *	Myometrium
	D *	Serosa
	E *	None of the above
	Marks *	1
	Answer *	a

53	Question Description *	The HIV virus after gaining entry into the human body enters the
	A *	Monocytes
	B *	Macrophages
	C *	Basophils
	D *	Eosinophils
	E *	None of the above
	Marks *	1
	Answer *	b

54

Question Description *	The photoelectric effect demonstrates that light exhibits:
A *	Wave nature
B *	Particle nature
C *	Electromagnetic nature
D *	Diffraction
E *	None of the above
Marks *	1
Answer *	b

55

Question Description *	A boy is trying to close a door by applying a force of 5N at an angle 30^0 with the plane of the door. The point where the force is applied is 40 cm from the hinges. The torque acting will be
A *	200 Nm
B *	1 Nm
C *	2 Nm
D *	10 Nm
E *	None of the above
Marks *	1
Answer *	b

56	Question Description *	Which of the following statements is true according to Bernoulli's principle?
	A *	Velocity of fluid is inversely proportional to pressure
	B *	Velocity of fluid is directly proportional to pressure
	C *	Velocity and pressure are not related
	D *	Velocity of fluid is directly proportional to the square of pressure
	E *	None of the above
	Marks *	1
	Answer *	a

57	Question Description *	What is the unit of angular velocity?
	A *	Radians per second (rad/s)
	B *	Hertz (Hz)
	C *	Newtons (N)
	D *	Meters per second (m/s)
	E *	None of the above
	Marks *	1
	Answer *	a

58	Question Description *	According to Bohr's model of atom the ratio of the angular momentum of electron in the third orbit to that in the first orbit is
	A *	1
	B *	2
	C *	3
	D *	9
	E *	None of the above
	Marks *	1
	Answer *	c

59	Question Description *	In position versus time graph, the slope of line represents
	A *	acceleration
	B *	speed
	C *	momentum
	D *	displacement
	E *	None of the above
	Marks *	1
	Answer *	b

60	Question Description *	Total internal reflection of light takes place when the angle of incidence in the denser medium becomes
	A *	equal to the critical angle
	B *	more than the critical angle
	C *	less than the critical angle
	D *	zero
	E *	None of the above
	Marks *	1
	Answer *	b