



Goa Staff Selection Commission

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

COMPUTER BASED TEST

Post Name : Assistant Sub Inspector(Wireless Operator)

1

Question Description *	हातुंत उरफाट्या उतरांची खंयची जोडी चूक आसा ?
A *	लागीं X पैस
B *	ल्हान X व्हड
C *	सरळ X नीट
D *	दाट X पातळ
E *	None of the above
Marks *	1
Answer *	c

2	Question Description *	एका कोंकणी लोक गीतांत 'कुरु कुरु काना आनी म्हशी गेल्यो
	A *	पाणयां
	B *	चरवा
	C *	रानां
	D *	गोट्यां
	E *	None of the above
	Marks *	1
	Answer *	c

3	Question Description *	लाकडां- भोरो, पत्रावळी-पेळो, फुलां-तुगे जाल्यार पापडांची
	A *	जोडी
	B *	माळ
	C *	कवळी
	D *	सरपळी
	E *	None of the above
	Marks *	1
	Answer *	c

4	Question Description *	आमी पैस पैस पांवलां मारून चलतात तेन्ना घालून चलतात.
	A *	चांटो
	B *	उडयो
	C *	लंगडी
	D *	धेपां
	E *	None of the above
	Marks *	1
	Answer *	d

5	Question Description *	केळ्यांचो घड जाल्यार आमाड्यांचो
	A *	तुरो
	B *	झेलो
	C *	घोंस
	D *	भोरो
	E *	None of the above
	Marks *	1
	Answer *	c
6	Question Description *	दोन उतरां एकठांय जावन जाल्ल्या ह्या समासांतली खंयची जोडी सारखी ना.
	A *	तांबडोगुंज
	B *	पांचवोफार
	C *	धवोफुल्ल
	D *	काळोकिट्ट
	E *	None of the above
	Marks *	1
	Answer *	b
7	Question Description *	जांबळीक लागतात जांबळां / बोकि 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

8	Question Description *	पेज्जंत आसता तो निवोळ आनी सुंभाक आसता तो
	A *	कुवोळ
	B *	तीवोळ
	C *	पिवोळ
	D *	धुवोळ
	E *	None of the above
	Marks *	1
	Answer *	c
9	Question Description *	दुकान वा मांड ह्या उतराक कोंकणीत आनी खंयचें उतर वापरतात
	A *	भेकरो
	B *	कातरो
	C *	भितरो
	D *	पसरो
	E *	None of the above
	Marks *	1
	Answer *	d
10	Question Description *	पुतालो पूत तो नातू आनी नातवालो पुत तो
	A *	आजो
	B *	पणतू
	C *	पणजो
	D *	शेणजो
	E *	None of the above
	Marks *	1
	Answer *	b

11	Question Description *	Choose the correct nominalization of the underlined verb. We analyzed the data from the survey. The _____ of the data revealed important facts.
	A *	to analyse
	B *	analyses
	C *	analysis
	D *	analyse
	E *	None of the above
	Marks *	1
	Answer *	c

12	Question Description *	Choose the part of the sentence that has an error.
	A *	I had
	B *	a wonderful time
	C *	with you and
	D *	look forward to meet you.
	E *	None of the above
	Marks *	1
	Answer *	d

13	Question Description *	Choose the correct alternative to replace the underlined part of the sentence. He is very keen to dish away criticism at the drop of a hat.
	A *	dish out
	B *	dish off
	C *	dish of
	D *	dish up
	E *	None of the above
	Marks *	1
	Answer *	a

14

Question Description *	Choose the sentence that collocates correctly.
A *	Everyone was sadly downcast after the incident.
B *	Everyone was utterly downcast after the incident.
C *	Everyone was strongly downcast after the incident.
D *	Everyone was strongly downcast after the incident.
E *	None of the above
Marks *	1
Answer *	b

15

Question Description *	Choose the sentence that does not collocate correctly.
A *	He is making good progress.
B *	He is performing well.
C *	He is giving an exam.
D *	He is receiving praises.
E *	None of the above
Marks *	1
Answer *	c

16

Question Description *	Give one word substitution for the following. One who cannot be defeated
A *	incurable
B *	invincible
C *	incorrigible
D *	invulnerable
E *	None of the above
Marks *	1
Answer *	b

17

Question Description *	Complete the following with the correct option from the given alternatives. One fourth of the migrant population _____ in the past five years.
A *	has left
B *	has been left
C *	have left
D *	have been left
E *	None of the above
Marks *	1
Answer *	a

18

Question Description *	Given below are three sentences numbered a), b), c).Read all the sentences and choose the alternative based on their correctness. a. Most of actresses are paid less compared to their male counterparts. b. Most actresses are paid less compared to their male counterparts. c. Most of the actresses are paid less compared to their male counterparts.
A *	Only a)
B *	Only b)
C *	a. & b)
D *	b. & c)
E *	None of the above
Marks *	1
Answer *	d

19	Question Description *	Choose the most appropriate option to fill in the blank: The police decided to _____down on crime syndicates.
	A *	cut
	B *	crack
	C *	curb
	D *	put
	E *	None of the above
	Marks *	1
	Answer *	b
20	Question Description *	Choose the phrase given below with the correct idiom from the alternatives. To defeat someone easily
	A *	Beat somebody hollow
	B *	Beat a retreat
	C *	Beat somebody's brain out
	D *	Beat the rap
	E *	None of the above
	Marks *	1
	Answer *	a
21	Question Description *	The sum of place value and face value of 9 in the number 4965 is -----
	A *	909
	B *	24
	C *	900
	D *	99
	E *	None of the above
	Marks *	1
	Answer *	a

22

Question Description *	Which of the following statement is always true?
A *	Every rectangle is a square
B *	Every rhombus is a square
C *	Every square is a rhombus
D *	Every kite is a rhombus
E *	None of the above
Marks *	1
Answer *	c

23

Question Description *	The sum of 6958 and the number obtained after reversing the order of digits is - -----
A *	15554
B *	12944
C *	16544
D *	13547
E *	None of the above
Marks *	1
Answer *	a

24

Question Description *	Sameer scored 108 marks out of 120 marks in a test .Therefore his percentage is -----%
A *	80
B *	95
C *	90
D *	85
E *	None of the above
Marks *	1
Answer *	c

25

Question Description *	The present population of a town is 25,000. It grows at 4% , 5% and 8% during the first year, second year and third year respectively, the population after 3 years is _____
A *	29,484
B *	28,696
C *	24,576
D *	30,184
E *	None of the above
Marks *	1
Answer *	a

26

Question Description *	A sum of money, at compound interest, yields Rs 200 and Rs 220 at the end of first and second year respectively. The rate % is _____
A *	20
B *	15
C *	10
D *	5
E *	None of the above
Marks *	1
Answer *	c

27

Question Description *	If $a + b + c = 9$ and $ab + bc + ca = 23$, then $a^2 + b^2 + c^2 =$ _____
A *	35
B *	58
C *	127
D *	235
E *	None of the above
Marks *	1
Answer *	a

28

Question Description *	A man working 8 hours a day takes 5 days to complete a project. How many hours a day must he work to complete it in 4 days?
A *	10 hours
B *	11 hours
C *	12 hours
D *	14 hours
E *	None of the above
Marks *	1
Answer *	a

29

Question Description *	If two angles of a triangle are 31° and 53° .Therefore the third angle is -----?
A *	90°
B *	180°
C *	84°
D *	96°
E *	None of the above
Marks *	1
Answer *	d

30

Question Description *	225 % is equal to -----.
A *	$\frac{3}{2}$
B *	$\frac{2}{3}$
C *	$\frac{9}{4}$
D *	$\frac{4}{9}$
E *	None of the above
Marks *	1
Answer *	c

31

Question Description *	<p>Arrange the following words in meaningful sequence</p> <p>1. Village 2. Country 3. Taluka 4. House 5. State</p>
A *	1, 3, 2, 4, 5
B *	4, 1, 3, 5, 2
C *	3, 2, 4, 1, 5
D *	4, 1, 5, 3, 2
E *	None of the above
Marks *	1
Answer *	b

32	Question Description *	Pointing to a girl on a stage, a man tells his friend that “she is the daughter of the only son of my father’s wife”. How is the girl related to man?
	A *	Cousin
	B *	Mother
	C *	Daughter
	D *	Sister
	E *	None of the above
	Marks *	1
	Answer *	c
33	Question Description *	If ‘X’ means subtraction, ‘—’ means addition and ‘+’ means multiplication, then find the value of $12 + 3 \times 3 - 14$.
	A *	14
	B *	37
	C *	41
	D *	47
	E *	None of the above
	Marks *	1
	Answer *	d
34	Question Description *	What should come in place of question mark (?) in the following number series? 1, 6, 13, 22, 33, ?
	A *	44
	B *	45
	C *	46
	D *	47
	E *	None of the above
	Marks *	1
	Answer *	c

35

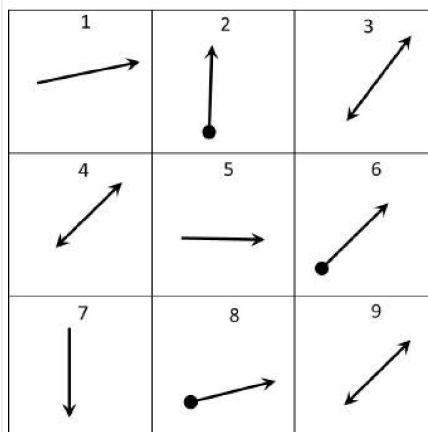
Question Description *	Brush is to Painter as Drill is to _____.
A *	Tailor
B *	Fireman
C *	Carpenter
D *	Teacher
E *	None of the above
Marks *	1
Answer *	c

36

Question Description *	In a queue at bank Rajesh is at 9 th position from starting as well as from the end point. How many people are there in a queue?
A *	11
B *	18
C *	19
D *	17
E *	None of the above
Marks *	1
Answer *	d

Question Description *

Given below is set of figures that are numbered from 1 to 9. Classify the figures into 3 groups with similar properties and choose the correct option.



A *

(1,2,3), (5,7,9), (4,6,8)

B *

(1,5,9), (3,4,6), (2,7,8)

C *

(1,5,7), (2,6,8), (3,4,9)

D *

(2,5,8), (1,4,6), (3,7,9)

E *

None of the above

Marks *

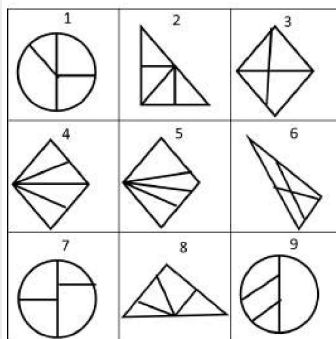
1

Answer *

c

Question Description *

Given below is set of figures that are numbered from 1 to 9. Classify the figures into 3 groups with similar properties and choose the correct option.



A *

(1,9,3), (7,4,5), (2,6,8)

B *

(3,4,2), (5,6,8), (1,7,9)

C *

(1,7,9), (3,4,5), (2,6,8)

D *

(2,6,1), (7,8,9), (3,4,5)

E *

None of the above

Marks *

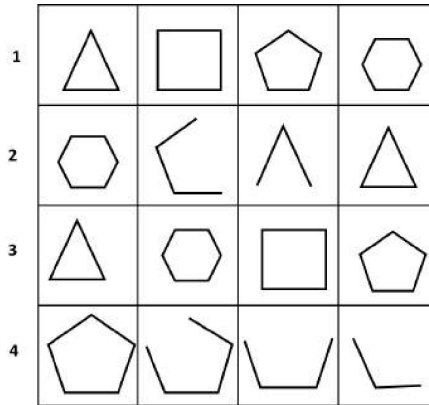
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Answer *

c

Question Description *

Choose the set of figures that follow the rule given below:

Rule: Closed figures become more and more open.

A *

1

B *

2

C *

3

D *

4

E *

None of the above

Marks *

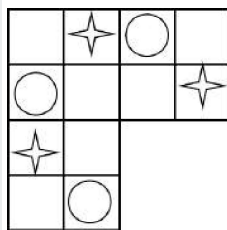
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Answer *

d

Question Description *

Identify the figure from the answer figures numbered 1, 2, 3 and 4 that completes the following pattern.



1



2



3



4

A *

1

B *

2

C *

3

D *

4

E *

None of the above

Marks *

1

Answer *

c

41

Question Description *	The Voltage gain of an amplifier without feedback is 100 and with negative feedback is 25. Then the percentage of negative feedback will be
A *	0.04
B *	0.03
C *	0.4
D *	-0.3
E *	None of the above
Marks *	1
Answer *	b

42

Question Description *	If a voltage of $230 + j 0$ V is applied to the circuit and we get the current to be $12 - j 5$ A, then the circuit must be
A *	Resistive
B *	Capacitive
C *	Inductive
D *	Purely Capacitive
E *	None of the above
Marks *	1
Answer *	c

43

Question Description *	The current was found to be 50 mA when a circuit with particular resistance was connected to a 40 V battery. The current has dropped to 40 mA after some time. How much has the battery voltage dropped?
A *	32 V
B *	20 V
C *	30 V
D *	38 V
E *	None of the above
Marks *	1
Answer *	a

44

Question Description *	The most common oscillator used for audio frequency applications is
A *	LC oscillator
B *	Crystal oscillator
C *	RL oscillator
D *	RC oscillator
E *	None of the above
Marks *	1
Answer *	d

45

Question Description *	The power dissipated by a pure capacitor when connected across the AC supply will be
A *	Very High
B *	Medium
C *	Low
D *	Zero
E *	None of the above
Marks *	1
Answer *	d

46

Question Description *	In an intrinsic semiconductor, the number of free electrons is equal to number of holes at _____ temperature.
A *	0 degree Kelvin
B *	0 degree Centigrade
C *	Below 0 degree Kelvin
D *	All temperatures
E *	None of the above
Marks *	1
Answer *	d

47

Question Description *	In AC circuits the maximum power is transferred to the load when the load impedance is _____
A *	Equal to source impedance
B *	Complex conjugate of source impedance
C *	Not dependent on source impedance
D *	Equal to 50 % of source impedance
E *	None of the above
Marks *	1
Answer *	b

48

Question Description *	In a full wave rectifier circuit with a center tap transformer, if the voltage between one end of the secondary winding and the center is 230 V RMS, then the PIV (peak inverse voltage) of the diode is
A *	460V
B *	230 V
C *	325.269 V
D *	650.538 V
E *	None of the above
Marks *	1
Answer *	d

49

Question Description *	FET is a
A *	Current controlled device
B *	Power controlled device
C *	Voltage Control device
D *	Resistance control device
E *	None of the above
Marks *	1
Answer *	c

50	Question Description *	For a given transistor, β is 400 and the base current is 5 mA, then the value of the emitter current will be
	A *	2.005 A
	B *	2.505 A
	C *	3.005 A
	D *	2 A
	E *	None of the above
	Marks *	1
	Answer *	a
51	Question Description *	The conduction band and valence band overlap in
	A *	Insulators
	B *	Semiconductors
	C *	Conductors
	D *	Germanium only
	E *	None of the above
	Marks *	1
	Answer *	c
52	Question Description *	An ideal diode in reverse biased condition is like a
	A *	Capacitor
	B *	Inductor
	C *	Closed switch
	D *	Open Switch
	E *	None of the above
	Marks *	1
	Answer *	d

53

Question Description *	----- is a free-running multivibrator
A *	Astable multivibrator
B *	Monostable Multivibrator
C *	Bistable Multivibrator
D *	Tri stable Multivibrator
E *	None of the above
Marks *	1
Answer *	a

54

Question Description *	The Maximum rectification efficiency of a half-wave rectifier is about
A *	40.6 %
B *	46.5 %
C *	92 %
D *	81.2 %
E *	None of the above
Marks *	1
Answer *	a

55

Question Description *	If you want very high input impedance, you should use----- transistor configuration.
A *	CC
B *	CB
C *	BC
D *	CE
E *	None of the above
Marks *	1
Answer *	a

56	Question Description *	An operational amplifier has a differential gain of 200 and a common mode gain of 0.02 then its CMRR will be
	A *	80 dB
	B *	184 dB
	C *	40 dB
	D *	92 dB
	E *	None of the above
	Marks *	1
	Answer *	a
57	Question Description *	In BJT, the doping level of the collector is
	A *	Lower than emitter
	B *	Higher than emitter
	C *	Same as that of the emitter
	D *	Lower than base
	E *	None of the above
	Marks *	1
	Answer *	a
58	Question Description *	Zener Diode is normally used in
	A *	Forward biased condition
	B *	Series
	C *	Reversed biased condition
	D *	Parallel
	E *	None of the above
	Marks *	1
	Answer *	c

59

Question Description *	The current rating of 2 k Ω , 1 W resistor will be
A *	0.0005 A
B *	0.05 A
C *	0.002236 A
D *	0.02236 A
E *	None of the above
Marks *	1
Answer *	d

60

Question Description *	An electric circuit with 12 branches and 6 nodes will have
A *	7 loop equations
B *	6 loop equations
C *	5 loop equations
D *	4 loop equations
E *	None of the above
Marks *	1
Answer *	a