

Reg. No. _____ Name _____

CSO (Group A) Exam | IIT Bombay

19/Nov/2024

Max marks: 70

Max time: 60 mins

Answer all MCQs against the respective Qs below only.

Q No.	Answer Option	Marks
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		

Q No.	Answer Option	Marks
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

NOTE: Q 1- Q 20 are 2 marks each, having only one correct answer.

1. Which of the following states in India does not have an IIT currently?
 - a. Assam
 - b. Haryana
 - c. Goa
 - d. Telangana

2. Which is the capital of Mizoram?
 - a. Aizawl
 - b. Gangtok
 - c. Raipur
 - d. Dispur

3. Which of the following country is not a member of SAARC?
 - a. Nepal
 - b. Maldives
 - c. China
 - d. Afghanistan

4. Would you mind _____ a picture of both of us?
 - a. take
 - b. to take
 - c. taking
 - d. if taking

5. Is the offender not ashamed _____ action?
 - a. at
 - b. of
 - c. by
 - d. from

6. 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

7. What should be the value of x in equation $(x / \sqrt{216}) = (\sqrt{96} / x)$?
- 12
 - 13
 - 14
 - 11
8. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:
- 45 km/hr
 - 50 km/hr
 - 55 km/hr
 - 40 km/hr
9. Complete the following series of numbers 0, 3, 8, 15, 24, 35, 48, _____
- 62
 - 63
 - 64
 - 65
10. A shopkeeper purchases 15 mangoes for Rs. 10 and sells them at 10 mangoes for Rs. 15. Thus, he earns a profit of:
- 50%
 - 75%
 - 80%
 - 125%
11. If $a - b = 3$ and $a^2 + b^2 = 29$, find the value of ab .
- 10
 - 12
 - 15
 - 18
12. To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the bucket capacity is reduced to 40%?
- 10
 - 35
 - 62.5
 - 125

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- 13.** Which of the following is most important for fire safety in a residential building?
- Smoke detectors
 - Fire-resistant paints
 - Ambulance
 - Inflammable material storage tanks
- 14.** As the Chief Security Officer, if you spot a leopard, you should:
- provoke and thereby catch him.
 - shoot him with your licensed gun.
 - give a call to the nearest forest officer.
 - declare a holiday in your institute till he is caught.
- 15.** What is the first thing you should do if you hear a fire alarm?
- Investigate the source of the alarm.
 - Call the fire department immediately
 - Evacuate the building immediately
 - Use a fire extinguisher to put out the fire
- 16.** What is the purpose of a speed bump having white stripes?
- To make the driver attentive
 - To slow the speed of vehicle
 - To allow the pedestrian to cross
 - All of these
- 17.** At the main gate entry, a construction labour is overserved under influence of alcohol. What would be your direction to your security staff in such a case?
- To ask the person questions.
 - To make him sit and wait for him to respond.
 - To take the person to the hospital for alcohol test and inform you.
 - To handover the person to police and inform the contractor.
- 18.** “Employee” under Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act 2013 means?
- A regular employee
 - A temporary employee
 - An ad hoc/daily wage employee
 - All of the above

19. Which term is denoted by "RFID"?
- Radio Frequency Integrated Device
 - Radar Frequency Identification
 - Radio Frequency Interference Detection
 - Radio Frequency Identification

20. Read the following passage and answer the question below.

India has a poor road safety record, and research shows that commercial vehicles are a major contributor to the problem, with trucks estimated to be the single largest vehicle type involved in impacts leading to fatalities. Sadly, public debate about the country's poor road safety record only gains momentum when high profile individuals are killed or seriously injured on the roads, such as when well-known Tata Group chairman Cyrus Mistry died in a car crash on the Mumbai-Ahmedabad highway in September 2022. Following Mistry's death, Union Minister, Nitin Gadkari ordered police forces across the county to strictly enforce laws requiring the wearing of seatbelts in the rear of vehicles. Road safety then faded from the media spotlight and public debate, only to resurface three months later when cricketer Rishabh Pant was injured in a road accident.

Adapted from Safety Management News, 10 Nov, 2024
[<https://www.britsafe.in/safety-management-news>]

Which according to the above passage is a major contributor to the poor road safety in India?

- Large number of passenger vehicles.
- Road safety not being a prominent feature in media and public debate.
- Not wearing seatbelt while driving.
- All of the above.

NOTE: Q 21- Q 25 are 3 marks each, having only one correct answer.

21. How will you approach and usually handle a difficult or confrontational situation while on duty (e.g. someone is asking for permission to enter the campus but does not have the pass/ID)?
- I will calmly listen to visitor's concerns and communicate clearly about the access restrictions.
 - I will direct the visitor to reach out to one's contact and show verifiable reference/purpose of entry.
 - I will deny visitor entry without exception.
 - I will allow visitor entry but report it to Registrar/Director.
- I only
 - I and II
 - I, II and III
 - I, II and IV

22. Match the two columns.

Column 1

- 1) eradicate
- 2) distort
- 3) saturate
- 4) utilize

Column 2

- P) misrepresent
- Q) soak completely
- R) use
- S) destroy utterly

- a. 1:S, 2:P, 3:Q, 4:R
- b. 1:P, 2:Q, 3:R, 4:S
- c. 1:Q, 2:R, 3:S, 4:P
- d. 1:S, 2:P, 3:R, 4:Q

23. Which of the following will you do for ensuring the security and safety of the premises you are responsible for?

- I. Conduct thorough risk assessment
- II. Identify potential vulnerabilities
- III. Conduct regular patrol
- IV. Always inform local police of all actions taken

- a. I, II and III
- b. II, III and IV
- a. I, II and IV
- b. All of these

24. Which of the following are not true related to the Mumbai terror attack in 2008?

- I. It happened on 26-29th of October.
- II. The coordinated terror attack was associated with Hizb-ul-Mujahideen.
- III. Except one, all terrorists were killed during the operation.
- IV. Over 500 innocent people died in the gruesome incident.

- a. I, II and III
- b. II, III and IV
- c. I, II and IV
- d. I, III and IV

25. Which of the following are true regarding Article 35A which is related to Jammu and Kashmir (J&K)?

- I. It granted special rights and privileges to permanent residents of J&K.
- II. It gave special status to J&K.
- III. Govt of India repealed this article in Dec 2019.

- a. I only
- b. II only
- c. I and II
- d. All of these

NOTE: Q 26 and Q 27 are descriptive type, carrying 7.5 marks, each.

[Write to-the-point and limit your answer to less than 200 words in the space provided below the Qs]

26. There are reports of a subordinate of yours beating up some thieves and petty criminals. There is no evidence but some people are saying that they are witnesses. How would you deal with such a case?

- 27.** A group of individuals become unruly and refuse to comply with the security policies at a large event inside the campus. Describe how would you handle it, and what steps will you take to ensure compliance?

----- End of the Question paper -----

Answer keys

Q No.	Answer
1	b
2	a
3	c
4	c
5	b
6	b
7	a
8	b
9	b
10	d
11	a
12	c
13	a

Q No.	Answer
14	c
15	c
16	b
17	c
18	d
19	d
20	b
21	b
22	a
23	a
24	c
25	a