Syllogism

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1. All Cats are singers. All birds dance. Some Cats are birds. Albert Einstein is a Singer. Examine the following statements: I. Albert Einstein does not dance II. Albert Einstein dances III. Albert Einstein is a bird IV. Albert Einstein is not a bird V. Albert Einstein is not a cat VI. Albert Einstein is a cat Which of the following conclusion(s) is necessarily correct? Choose the most appropriate answer.

(a) Only III and VI
(b) Only II, III and V
(c) Only III
(d) None of the above

2. All Watches are Chronographs. Some Chronographs are antiques. All Antiques are expensive. D is a Chronograph. Which of the statement necessarily follows ?

(a) D is a watch
(b) If 'D' is antique, it must be a watch
(c) D must be expensive
(d) None of the above

3. All Philosophers are logicians. Some logicians are critical thinkers. All Critical thinkers are rationalist. Z is a rationalist. Examine the following statements: I. Z is a logician II. Z may be a logician III. Z is a Philosopher IV. Z is a critical thinker Choose the most appropriate answer.

(a) Only IV
(b) Only III and IV
(c) Only II
(d) None of the above

4. Some Rivers are Ponds. All Ponds are Ocean. No Ocean is Sea. Examine the conclusions: (I) Some Ponds are Sea (II) All Rivers are Ocean (III) Some Sea may be a River Which of the conclusions necessarily follows ? Choose the most appropriate answer:

(a) Only I
(b) Only II
(c) Only III
(d) None of the above

5. Some Ships are Boats. All Boats are Submarines. Some Submarines are Yachts. Examine the following statements: I) Some Yachts are Boats II) Some Submarines are Ships III) Some Yachts are Ships Choose the most appropriate answer:

(a) Only I
(b) Only II
(c) Only III
(d) None of the above

6. All States are Countries. Only some Countries are States. Some States are democratic. Given that X is democratic, examine the following conclusions: I. X is a State II. X is a country III. X is not a State IV. X is not a country Choose the most appropriate answer:

(a) Only I follows.

(b) I and II follow.

(c) III and IV follow.

(d) None of the four conclusions necessarily follow.

7. Statement I: All books are valuables. Statement II: Some souvenirs are books. Statement III: Some books are souvenirs. Statement IV: No valuables are souvenirs. Choose the most appropriate answer:

(a) Statements I, II and III are consistent with each other.

(b) Statements II, III and IV are consistent with each other.

(c) Both 'a' and 'b' are correct.

(d) None of the above.

8. All lions are animals. No animal is a zombie. All zombies are rainbows. All rainbows are zombies. Given this information, which of the options necessarily follows ?

(a) No lions are rainbows.

(b) Some lions are rainbows.

(c) All lions are rainbows.

(d) None of the above.

9. "All paintings jump. Some paintings are plants. All basketballs are plants." Football is a basketball. Which of the following is true?

(a) Football is a plant and it jumps.

(b) Football is a plant and a painting.

(c) Football is a plant but neither jumps nor is a painting.

(d) Football is a plant. As to whether it is painting, and as to whether it jumps, there is not sufficient information.

10. "All paintings jump. Some paintings are plants. All basketballs are plants." Mona Lisa jumps. Which of the following is true?

(a) Mona Lisa is a painting.

(b) Mona Lisa is not a plant.

(c) Mona Lisa is not a basketball.

(d) As to whether Mona Lisa is a painting, a plant or a basketball, there is not sufficient information.

11. "All paintings jump. Some paintings are plants. All basketballs are plants." Dragon is a plant that jumps. Which of the following is true?

(a) Dragon is a painting.
(b) Dragon is not a painting.
(c) Dragon is a basketball
(d) As to whether Dragon is a painting or a basketball, there is not sufficient information.

12. "All paintings jump. Some paintings are plants. All basketballs are plants." Aloe Vera is a basketball and a painting. Which of the following is true?

(a) Aloe Vera is a plant and it jumps.
(b) Aloe Vera is a plant but does not jump.
(c) Aloe Vera is not a plant but it jumps.
(d) Aloe Vera jumps. As to whether it is a plant, there is not sufficient information

13. Some Hyenas are Lions. All Lions are Cats. Some Cats are Wolves. Examine the following statements: I. Some Cats are Lions. II. Some Wolves are Lions. III. Some Cats are Hyenas. Select the correct option:

(a) Both I & II follow
(b) Both II & III follow
(c) Both I & III follow
(d) Only III follows

14. All Squirrels are Herbivores. Some herbivores are Elephants. All Elephants are Mammals. Some Mammals are Carnivores. Examine the following statements: I. Some Mammals are Herbivores. II. All Elephants are Squirrels. III. Some Carnivores are Herbivores. Select the correct option:

(a) Only I follow
(b) Both II & III follow
(c) Both I & III follow
(d) Only II follows

15. All Engineers are Mathematicians. Some Mathematicians are Authors. No Author is a Scientist. Some Engineers are Scientists. Examine the following statements: I. No Author is an Engineer. II. Some Scientists are Engineers. III. Some Mathematicians are not Scientists. Select the correct option:

(a) Only II follows
(b) Both I & III follow
(c) Both II & III follow
(d) Only I follow

16. All gadgets are machines. Some gadgets are tools. All machines are useful. Examine the following statements: I. Some tools are useful. II. All that is useful are machines. III. All tools are gadgets. Select the correct option:

(a) Only I follow
(b) Only II follows

(c) Both I & III follow
(d) Both II & III follow

17. All International Court of Justice (ICJ) judgments are binding on parties involved in the case. Some ICJ judgments have persuasive value in domestic courts. Judgments of domestic courts can be referenced by the ICJ, but they are not binding. Examine the following statements: I. Some ICJ judgments are binding on domestic courts. II. Some domestic court judgments are binding on the ICJ. III. ICJ judgments can be used to strengthen arguments in domestic courts. Select the correct option :

(a) Only I follow
(b) Both I & II follow
(c) Both I & III follow
(d) Only III follow

18. All drivers are tall. Some Tall persons violate traffic lights. All who violate traffic lights are fined. B is Tall. Examine the following statements: I. B is a driver. II. B may violate a traffic light. III. B will definitely violate traffic lights. IV. If B is a driver, he will get fined. V. B will definitely get fined. Select the correct option :

(a) Only I, III and V
(b) Only II
(c) Only I and III
(d) Only I and V

19. All Rabbits are Sleepers. All Tortoise paints. Some Rabbits are Tortoise. Siri is a Rabbit. Examine the following statements: I. Siri paints II. Siri does not paint III. Siri is a Sleeper IV. Siri is not a Sleeper V. Siri is a Tortoise VI. Siri is not a Tortoise Choose the most appropriate answer:

(a) Only III
(b) Only V
(c) Only I, IV, VI
(d) Only II, III, VI

20. All Cherry are Pink. Some Pink are made into cake. All cake is eaten. Banana is Pink. Examine the following statements: I. Banana is a Cherry II. Banana is not a Cherry III. Banana may be made into cake IV. Banana will definitely be made into a cake V. If Banana is Cherry, then it will be eaten Choose the most appropriate answer:

(a) Only III
(b) Only II and III
(c) Only IV and V
(d) Only V

21. All Samosas are Delicious. Some Delicious is Spicy. No Spicy is Steamed. Which

of the following conclusions necessarily follows? I. Some Samosas are Spicy. II. Some Delicious are not Steamed. III. No Samosa is Steamed. Select the most appropriate option:

(a) Only I follows
(b) Both I and II follow
(c) Only III follows
(d) Only II follows

22. All Engineers know Mathematics. Some Coders are Engineers. No Artist is an Engineer. Which of the following conclusions necessarily follows? I. Some Coders know Mathematics. II: Some Mathematicians can also Code. III. Some Artists know Mathematics. Select the most appropriate option:

(a) Only II follows
(b) Only I follows
(c) Both I and II follow
(d) Only III follows

23. All renewable energy sources reduce carbon emissions. Some renewable energy sources are expensive to install. Solar energy is a renewable energy resource. Consider the following conclusions: I. Solar energy reduces carbon emissions. II. All expensive energy sources are renewable. III. Some renewable energy resources are not expensive. Select the most appropriate option:

(a) Only I follows.
(b) Both I and III follow.
(c) Only III follows.
(d) Both II and III follow.

24. Free school meals increased attendance. Which assumption is needed to claim free meals caused attendance to rise?

(a) Meal distribution was the main change during the period
(b) Teachers were more vigilant about taking attendance
(c) School built new classrooms which could accommodate more students
(d) Local incomes doubled leading to a flux of new admissions

25. Complete the following series: C, FGH, MNOPQ, _____

(a) XZBDFHI
(b) YZBCEFG
(c) XYZABCD
(d) YZABCDF

26. A company switches to a 4-day workweek and observes no productivity drop. Leaders claim the schedule is efficient. Which assumption is needed to support the leaders' claim?

(a) Productivity was measured accurately and comparably before and after the change.
(b) Employees prefer longer weekends due to higher tendency to burnout in longer weeks.
(c) Office rent decreased after the switch since people were only coming in for four days.
(d) Competitors already use a 4-day workweek.

27. A survey finds most employees prefer flexible hours over a higher salary. Which inference is most reasonable?

(a) Work-life balance is highly valued.
(b) Salary is unimportant to everyone.
(c) Only young workers were surveyed.
(d) Employees don't want promotions.

28. Public health officials warn that air pollution increases the risk of respiratory disease. A recent drop in pollution levels coincided with a fall in new respiratory disease cases. Which of the following, if true, most strengthens the officials' warning?

(a) Respiratory disease cases usually peak in winter.
(b) The cities with the largest drop in pollution saw the largest fall in cases.
(c) The decline in cases was higher in rural areas than urban areas.
(d) There was a major health awareness campaign during the period.

29. Principle - Negligence may be inferred when the incident causing harm is of a kind that ordinarily does not occur without someone's negligence, the instrumentality or control that caused the harm was under the defendant's management, and the plaintiff did not contribute to the harm. Fact - Anita visits a hospital for a routine check-up. While waiting in the lobby, a large ceiling fan suddenly detaches and falls, injuring her shoulder. The hospital authorities claim that the fan had been regularly serviced and no defect was known before the accident. Applying only the given principle to the fact, is the hospital liable? Select the most appropriate option:

(a) No, because Anita cannot prove which employee was responsible for the fan.
(b) Yes, because a ceiling fan does not ordinarily fall without some negligence in its maintenance.
(c) No, because the hospital claims regular maintenance was carried out.
(d) Yes, but only if Anita can prove that the fan was installed more than five years ago.

30. University examination department is attempting to devise a schedule for the end term examination. The subjects are Constitutional Law, Taxation, Regulatory Governance, Sociology and Criminal Law. The following considerations must be kept in mind. I. Regulatory Governance must follow Criminal Law II. Sociology and Criminal Law cannot immediately precede or follow each other III. Regulatory Governance must immediately precede Taxation IV. Constitutional Law cannot be the first or the last exam V. Examinations for all subject are held once. Which of the

following schedule is a valid schedule?

(a) Sociology, Criminal Law, Constitutional Law, Regulatory Governance, Taxation
(b) Constitutional Law, Criminal Law, Regulatory Governance, Taxation, Sociology
(c) Sociology, Constitutional Law, Criminal Law, Regulatory Governance, Taxation
(d) Criminal Law, Constitutional Law, Taxation, Regulatory Governance, Sociology

31. Some Apps are Free. All Free Apps have Ads. Some Ad-supported Apps are high-rated. Which of the following conclusion necessarily follows?

(a) Some free apps are high-rated
(b) All high-rated apps have ads
(c) No free app is high-rated
(d) All ad-supported apps are free

32. Recycling bins are placed in a mall and trash volume falls. Which assumption is necessary to claim recycling caused the drop?

(a) People are driven towards recycling given the opportunity
(b) The aesthetics of the recycling infrastructure drives usage
(c) Mall footfall remained stable during the observation period
(d) Mall introduced fees for usage of bins

33. All teachers are creative people. All creative people are sensitive. No insensitive person is a teacher. Which of the following conclusions necessarily follows? I. Some sensitive people are teachers. II. All sensitive people are teachers. III: No teacher is insensitive. Select the correct option:

(a) Only I
(b) Only II and III
(c) Only I and III
(d) I, II and III

34. Anamika complains that in her debate club, she is always assigned to the less-preferred side of the argument, while another member consistently gets the more popular choice. Which of the following, if true, supports Anamika's complaint?

(a) Assignments are rotated randomly, and Anamika's side often ends up unpopular by chance.
(b) The club president privately admits giving the popular side to the other member due to personal friendship.
(c) Both members are equally skilled in debating.
(d) Anamika has only recently joined the club.

35. If WORD = GVDI, then QUEEN = ?

(a) BCRKC
(b) ABQJB
(c) ABRKB

(d) ACQJD

36. An econometric study using difference-in-differences technique finds no significant employment effect from a minimum-wage hike. Which evidence most strengthens this finding?

(a) Some firms in the treated region reported difficulty in hiring, even though aggregate employment did not change significantly.

(b) Overall labour costs increased slightly in the treated region, but wages for most workers remained unchanged.

(c) Employment trends in similar regions without a minimum wage hike were nearly identical to the trends in regions with the hike before and after the policy change.

(d) Workers' hours declined in certain industries, despite stable employment levels.

Diversity may bring people to the same room, but inclusion ensures that every voice is heard, valued, and allowed to shape the conversation. It demands that institutions go beyond representation to transformation, to question who holds the power, who defines norms, and whose stories remain unheard. It is the process of turning the promise of democracy into practice, one case, one reform, and one act of courage at a time.

37. Which of the following, if true, would most strengthen the author's argument in the passage above?

(a) Institutions that create deliberate mechanisms for inclusive participation tend to make more equitable and widely supported policy decisions.

(b) Employees value visible diversity in workplaces as a sign of progressive leadership.

(c) Efforts to improve inclusion sometimes face resistance from individuals who feel existing structures are already fair.

(d) In some organizations, diverse representation has increased, but decision-making continues to be dominated by a small core group.

38. Principle: A driver is responsible for controlling their vehicle and avoiding harm to pedestrians, unless the pedestrian acted recklessly or unlawfully. Facts: A driver hits a pedestrian who suddenly runs across the road outside a crosswalk without looking. The driver was obeying all traffic rules. Which of the following is correct?

(a) The driver is liable for the pedestrian's injuries.

(b) The pedestrian's reckless action absolves the driver of liability.

(c) Both the driver and pedestrian share liability equally.

(d) The driver is always liable in pedestrian accidents.

39. Keyboard : Typist = Paintbrush : ?

(a) Artist

(b) Canvas

(c) Painting

(d) Colour

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Answer Key

1. D	2. D	3. C	4. D	5. B
6. D	7. C	8. A	9. D	10. D
11. A	12. A	13. C	14. A	15. C
16. A	17. D	18. B	19. A	20. C
21. D	22. C	23. B	24. A	25. C
26. A	27. A	28. B	29. B	30. C
31. A	32. C	33. C	34. B	35. B
36. C	37. A	38. B	39. A	