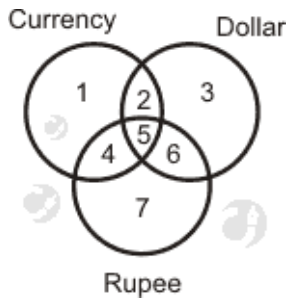


# VENN DIAGRAMS BASED VERBAL REASONING PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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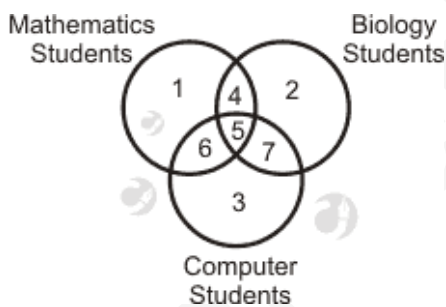
Created By [Careericons](http://www.careericons.com) Team

**Q1.** See the given diagram and then find out the youth who does the job but not educated.



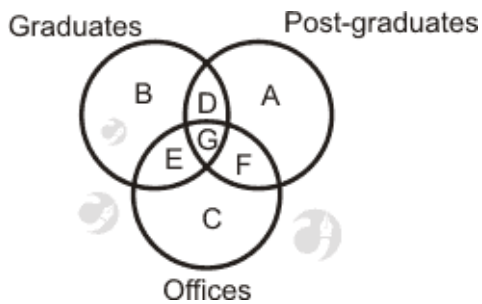
- a) 5
- b) 4
- c) 6
- d) 7

**Q2.** Identify the region that represents students who study biology and computer but not Mathematics.



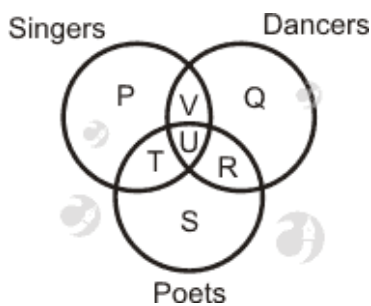
- a) 6
- b) 2
- c) 7
- d) 4

**Q3.** Given below are three figures which represent graduates, postgraduates, officers. Which part represents all the officers who are graduates and postgraduates?



- a) G
- b) D
- c) B
- d) C

**Q4.** The diagram represents the students who are singers, dancers and poets. Study the above diagram and identify the region which represents the students who are both poets and singers but not dancers.



- a) P + T + S
- b) T
- c) T + U + R + S
- d) P + T + U + S

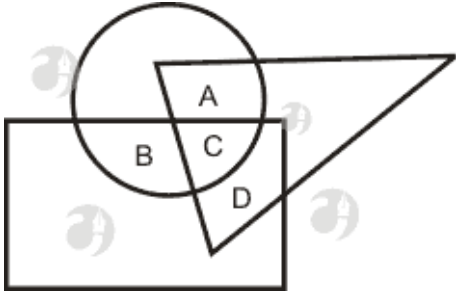
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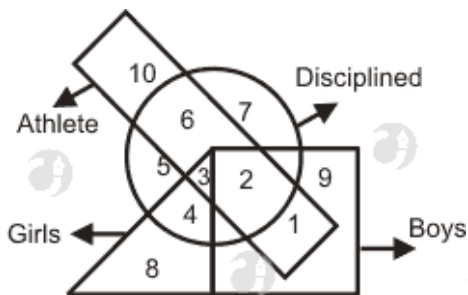
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**Q5.** In the following diagram, the triangle represents doctors, the circle represents players and the rectangle represents singers. Which region represents doctors who are singers but not players?



- a) A
- b) B
- c) C
- d) D

**Q6.** In the following figure, the boys who are athletes and disciplined are indicated by which number?

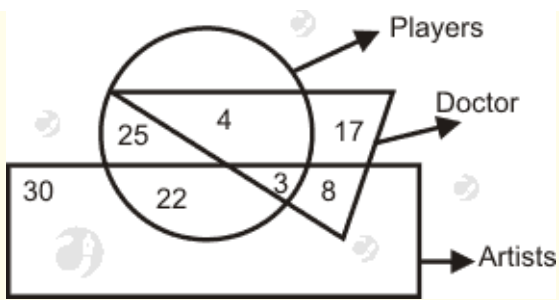


- a) 4
- b) 2
- c) 6
- d) 5

**Directions:**

Each of the following questions is based on the diagram given below. Study the diagram carefully and answer the questions.

In the above diagram, rectangle represents 'artists' circle represents 'players' and triangle represents 'doctors'.



[L.I.C (ADO) 2010]

**Q7.** How many players are neither artists nor doctors?

- a) 25
- b) 22
- c) 4
- d) 29
- e) None of these

**Q8.** How many artists are players?

- a) 22
- b) 3
- c) 25
- d) 8
- e) None of these

**Q9.** How many artists are neither doctors nor players?

- a) 22
- b) 8
- c) 25
- d) 30
- e) None of these

**Q10.** How many doctors are neither players nor artists?

- a) 4
- b) 25
- c) 8
- d) 17
- e) None of these

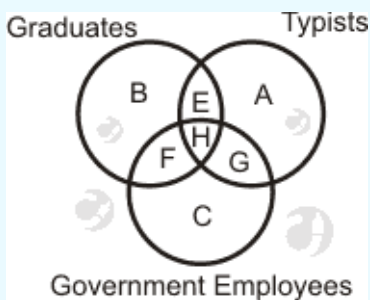
**Q11.** How many doctors are players and artists both?

- a) 4
- b) 7
- c) 3
- d) 8
- e) None of these

**Directions:**

Below is given a figure made of three circles intersecting one another. These circles represents graduates, typists and government employees. The intersecting regions have been denoted by a, b, c, e, f, g and h, respectively.

Study the diagram carefully and answer the questions that follow.



[R.R.B (TC/CC) 2009]

**Q12.** Which of the following letters represents the typists who are only graduates?

- a) e
- b) h

c) g

d) a

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**Q13.** Which of the following letters represents the typists who are government employees but not graduates?

a) e

b) g

c) f

d) h

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**Answers to the above questions :**

**Q1. Answer: (b)**

The region 4 is common to youth and job but not educated.

**Q2. Answer: (c)**

The region which represents students who study biology and computer but not Mathematics is '7'.

**Q3. Answer: (a)**

The part of a figure representing officers, who are graduates and postgraduates is common to all three circles i.e., G.

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STATEMENT & ASSUMPTIONS    STATEMENT & COURSE OF ACTION

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WORD FORMATION    ALLIGATION & MIXTURES

**Q4. Answer: (b)**

Region T is common to both singers and posts but not dancers.

**Q5. Answer: (d)**

Letter D represents those people who are doctors and singers but not players as it is common to triangle and rectangle but not a circle.

**Q6. Answer: (b)**

The required region is the one which is common to the rectangle, circle and square but lies outside the triangle, i.e., 2.

**Q7. Answer: (a)**

There are 25 players who are neither artists nor doctors because this is the only region of the circle which is not common with either rectangle or triangle.

**Q8. Answer: (c)**

Required number =  $22 + 3 = 25$

**Q9. Answer: (d)**

There are 30 artists who are neither doctors nor players because this is the only region of the rectangle which is not common with either circle or triangle.

**Q10. Answer: (d)**

There are 17 doctors who are neither players nor artists because this is the only region of the triangle which is not common with either circle or triangle.

**Q11. Answer: (c)**

The region 3 is common to triangle, circle and rectangle and hence, represents doctors who are players as well as artists.

**Q12. Answer: (a)**

Letter e represents the typists who are only graduates but not government employees.

**Q13. Answer: (b)**

Letter g represents the typists who are only government employees but not graduates.

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