

## Quantitative Aptitude Practice Papers for LIC Assistant Prelims 2019

Directions (1-5): - What will come in place of (?) question mark in the following questions?

**Q1.**  $65\% \text{ of } \frac{1700}{13} + 17^2 = ? \times 34$

- (a) 12
- (b) 13
- (c) 11
- (d) 9
- (e) 8

**Q2.**  $11^2 \times 6 \text{ of } 75\% \text{ of } 840 \div 14 = ? \div 4 \times 11$

- (a) 11880
- (b) 11088
- (c) 12496
- (d) 22220
- (e) None of these.

**Q3.**  $5030 + \sqrt{3249} - 2087 = 30 \times ?$

- (a) 80
- (b) 100
- (c) 150
- (d) 50
- (e) 125

**Q4.**  $24 \times 15 + 12^2 + 20\% \text{ of } 85 = ?^2 - 155$

- (a) 24
- (b) 22
- (c) 20
- (d) 28
- (e) 26

**Q5.**  $34\% \text{ of } 69 \frac{3}{13} \times 6 \frac{15}{17} = ?$

- (a) 162
- (b) 168
- (c) 182
- (d) 172
- (e) 178



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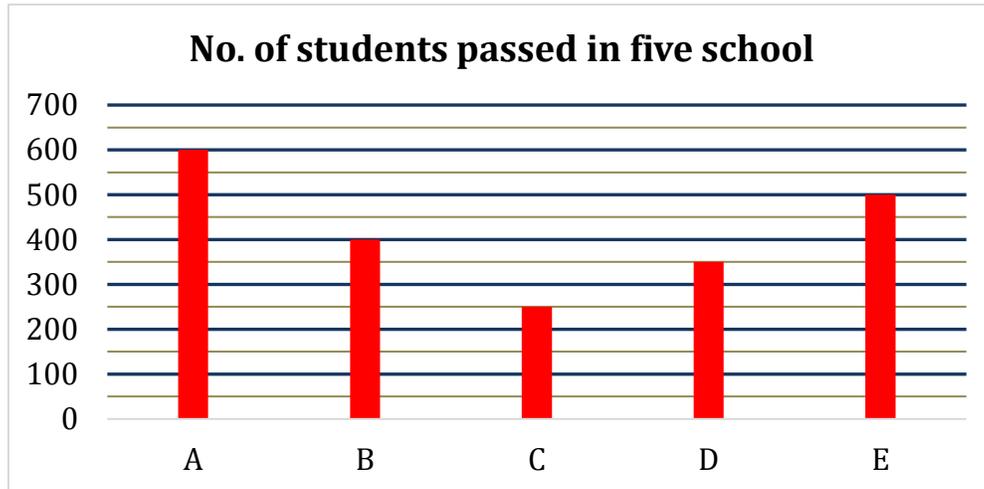
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**LIC ASSISTANT  
PRELIMS  
30 TOTAL TESTS**

**Validity : 12 Months**

**Directions (6-10):** - Bar graph given below gives information about no. of students passed in yearly exam in five different school and table shows percentage of students who failed in those school out of total students?



School	Percentage of failed students
A	25%
B	20%
C	60%
D	30%
E	20%

**Q6. No. of students failed in school B are what percent of total students in school A?**

- (a) 25%
- (b) 20%
- (c) 16.63%
- (d) 12.5%
- (e) 15%

**Q7. What is ratio of total no. of students in School C to that of School E?**

- (a) 1:2
- (b) 2:1
- (c) 1:1
- (d) 1:3
- (e) 3:1

**Q8. What is the difference between no. of students failed in School D and School E?**

- (a) 50
- (b) 25
- (c) 20
- (d) 30
- (e) 15

**Q9. What is the average of total no. of students in school A, B, and D together?**

- (a) 600
- (b) 400
- (c) 350
- (d) 750
- (e) 500

**Q10. No. of students passed in school A are how much percent more/less than total no. of students of School D?**

- (a) 20% less
- (b) 25% more
- (c) 25% less
- (d) 16.67% less
- (e) 20% more

**Directions (11-15): What will come in the place of question Mark (?) in the following number series:**

**Q11. 6, 18, 33, 57, 108, ?, 615**

- (a) 220
- (b) 324
- (c) 308
- (d) 240
- (e) 460

**Q12. ?, 8, 32, 72, 128, 200**

- (a) 0
- (b) 4
- (c) 2
- (d) 6
- (e) -2

**Q13. 6, 6, 12, 36, 144, 720, ?**

- (a) 3600
- (b) 2880
- (c) 4320
- (d) 1440
- (e) 4230

**Q14. 8, 21, 47, 86, 138, 203, ?**

- (a) 287
- (b) 281
- (c) 372
- (d) 278
- (e) 268



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**Q15. 30, 60, 20, 80, ?, 96**

- (a) 90
- (b) 40
- (c) 48
- (d) 26
- (e) 16

**Directions (16-20: What approximate value should come in place of question mark (?) in following questions.**

**Q16. 24.97% of 1459.98 - ? % of 1120.4 = 29.04**

- (a) 34
- (b) 27
- (c) 25
- (d) 20
- (e) 30

**Q17.  $\sqrt{575} + \sqrt[3]{2745} - 2.01 = ?^2$**

- (a) 6
- (b) 7
- (c) 9
- (d) 4
- (e) 5

**Q18. 10.98% of 11.04% of 10999 = ?**

- (a) 121
- (b) 130
- (c) 137
- (d) 133
- (e) 127

**Q19.  $20.94 \div 12.06 \times 15.99 \div 7.02 = ?$**

- (a) 4
- (b) 8
- (c) 19
- (d) 16
- (e) 12

**Q20.  $121 \div \frac{5}{8} \text{ of } 24.08 \times 3.95 = ?$**

- (a) 36
- (b) 28
- (c) 32
- (d) 42
- (e) 22



**Q21.** A and B invested into a partnership with Rs. 24000 together for 8 months, 80% of amount invested by A is equal to  $\frac{4}{7}$ th of investment of B. If A increases his investment by Rs. 4000 after 8 months and B continues with his initial amount, then find profit share of B out of total profit of Rs. 7600 after a year of investment?

- (a) Rs. 2100
- (b) Rs. 3800
- (c) Rs. 4200
- (d) Rs. 3400
- (e) Rs 3200

**Q22.** Two alloys containing nickel: aluminum: tin and nickel: tin in ratio 1:2:3 and 3:2 respectively are mixed in ratio 6:5 respectively to form another alloy so that tin in final alloy becomes 60 kg, find quantity of aluminum in final alloy?

- (a) 30 kg
- (b) 24 kg
- (c) 20 kg
- (d) 15 kg
- (e) None of these.

**Q23.** In how many ways a team of 11 players can be formed from 12, 5, and 4 players of India, Australia and England respectively having at least 8 player of India and exactly 2 players from Australia?

- (a) 22000
- (b) 19800
- (c) 20000
- (d) 19200
- (e) 21800

**Q24.** Two identical walls of same height can be built in 8hr and 10hr by A and B respectively. If both starts building the wall at the same time, find after how much time ratio of the unbuild part of walls built by A and B become 15:16?

- (a) 4hr
- (b) 2hr
- (c) 3hr
- (d) 5hr
- (e) 6hr

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**Q25. 5 men and 3 women can earn Rs. 4550 working together for 7 hours a day whereas 3 men and 5 women can earn Rs. 6600 working together for 12 hours a day. Find in how many hours 2 men and 2 women can earn Rs. 2100 working together?**

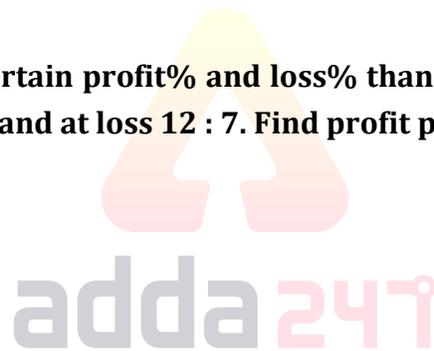
- (a) 8hr
- (b) 5hr
- (c) 10hr
- (d) 7hr
- (e) 6hr

**Q26. 6 Men can complete a task in 120 days working 6 hours a day. Find how much time 4 women will take to complete the same task with 75% of man's efficiency working 8 hours a day?**

- (a) 240 days
- (b) 180 days
- (c) 120 days
- (d) 224 days
- (e) 108 days

**Q27. When an article is sold at certain profit% and loss% than ratio of profit to loss becomes 2:3 and ratio of selling price at profit and at loss 12 : 7. Find profit percent?**

- (a) 20%
- (b) 10%
- (c) 15%
- (d) 18%
- (e) 12%



**Q28. What is the probability of getting a sum of exactly 16 when three dices are rolled together?**

- (a)  $2/63$
- (b)  $1/18$
- (c)  $1/36$
- (d)  $3/64$
- (e)  $1/72$

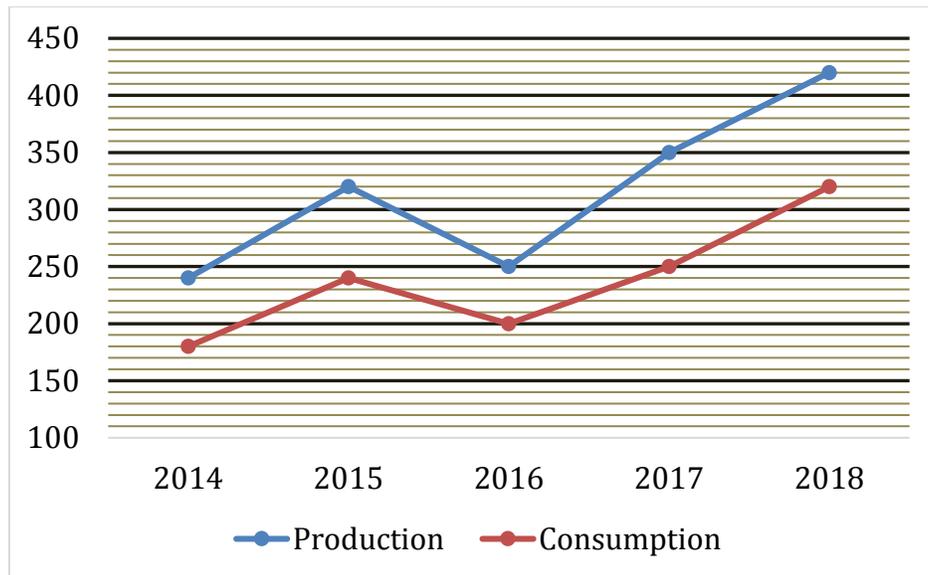
**Q29. What is the radius of circle which area is  $124.74 \text{ cm}^2$ ?**

- (a) 4.9 cm
- (b) 6.3 cm
- (c) 0.63 cm
- (d) 0.49 cm
- (e) None of these

**Q30. Hemant mixed two type of sugar i.e. 23 kg of Rs. 50 per kg and 17 kg of Rs. 46 per kg. At what price of per kg mixture of sugar was sold so that he incurred 60% loss?**

- (a) Rs. 18
- (b) Rs. 22.04
- (c) Rs. 17
- (d) Rs. 19.32
- (e) None of these

**Direction (31-35) :** The line graph given below shows the production and consumption (in quintal) of Wheat in a 5 different years of a village. Study the graph carefully and answer the following questions.



**Q31. What is the average consumption of Wheat all over the years?**

- (a) 245 Quintals
- (b) 254 Quintals
- (c) 316 Quintals
- (d) 238 Quintals
- (e) 278 Quintals

**Q32. Production of wheat in 2015 is what percentage more/less than that in 2016?**

- (a) 28%
- (b) 33%
- (c) 30%
- (d) 25%
- (e) 23%

**Q33. What is the ratio between the consumption of wheat in 2016 and 2017 together to the production of wheat in 2014 and 2015 together?**

- (a) 45 : 53
- (b) 45 : 56
- (c) 12 : 17
- (d) 15 : 17
- (e) 30 : 53

**Q34. If in 2019 the ratio between the production and consumption of wheat is 7 : 5 and total production of wheat is 280 Quintal, then consumption of wheat in 2019 is how much more/less than previous year?**

- (a) 150 quintals
- (b) 180 quintals
- (c) 140 quintals
- (d) 120 quintals
- (e) 220 quintals

**Q35. In which year percentage of consumption of wheat is maximum with respect to production?**

- (a) 2016
- (b) 2018
- (c) 2015
- (d) 2017
- (e) 2014

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**30 TOTAL TESTS**

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