

# **HINDU COLLEGE, GUNTUR**

(A NAAC ACCREDITED 'A' GRADE INSTITUTION)

**JKC, IQAC,**

**Department of Mathematics & SAADHANA**

**ONLINE QUIZ**

**ON**

**ANALYTICAL SKILLS IN NUTSHELL**



**June 2021**

**Y. SREEKANTH**

**Coordinator**

**Dr. D.N. DEEKSHITH**

**Principal**



Ph:0863-2227649

**HINDU COLLEGE, GUNTUR – 522 003**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

## JKC, IQAC, Department of Mathematics & SAADHANA

Questions Responses 653 Total points: 50

Section 1 of 3

ONLINE QUIZ - ANALYTICAL SKILLS IN  
NUTSHELL - IQAC & JKC - JUNE 2021

Form description

Email \*

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IQAC and JKC of Hindu College, Guntur jointly organized an online quiz with Time Presenter for students of this Certificate Course and others. Totally 653 students from all over India participated and scored more than cutoff marks and got their online certificate. Form Presenter + Timer is furnished to set time limit for exam.

Google form link for Grand Online Quiz:

<https://forms.gle/a8xDunZP5jGmgxyK8>

## Online Quiz Link:

Greetings!! IQAC & JKC (Jawahar Knowledge Centre) of Hindu College, Guntur jointly conducting Online Quiz on Analytical Skills in Nutshell in June 2021. You are requested to make your students participate in this event to gain knowledge for competitive exams.

\*Link:\*1. [https://presenter.jivrus.com/p/10TKd5BxD\\_i2N7pV6LnXx0hFHI4iedgbUqyQ1a4iLaKc](https://presenter.jivrus.com/p/10TKd5BxD_i2N7pV6LnXx0hFHI4iedgbUqyQ1a4iLaKc)

2. <https://forms.gle/p65XDtH3L4iN3uGr6>

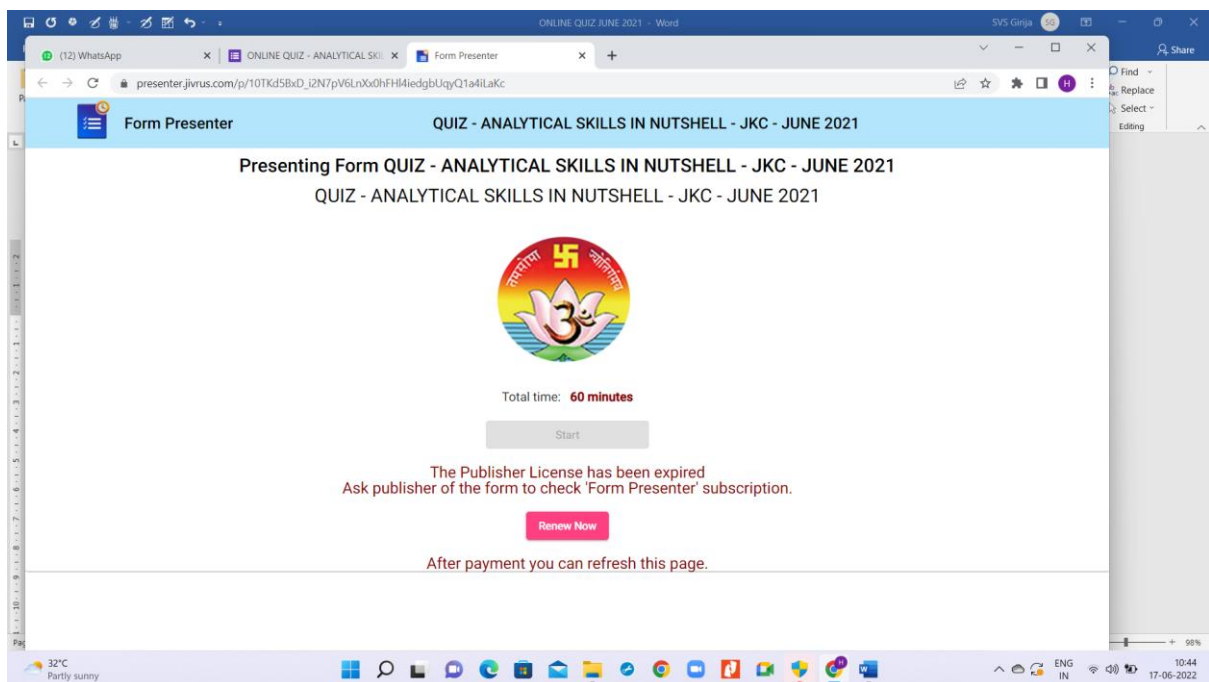
Date: 22-30 June 2021

Time: 60 minutes from starting time of the test

With regards,

Principal

IQAC and JKC Teams



ONLINE QUIZ JUNE 2021 - Word

(12) WhatsApp x ONLINE QUIZ - ANALYTICAL SKI x Form Presenter x +

docs.google.com/forms/d/e/1FAIpQL5dpJ5908TIYAE\_h4Y18DU8oV5zbcot9rMNpD6435rdsZ3FrQ/viewform

**HINDU COLLEGE**  
Under Graduate & Post Graduate  
Guntur 522 003 (Andhra Pradesh) Estd 1935

**JAWAHAR KNOWLEDGE CENTER**

ONLINE QUIZ - ANALYTICAL SKILLS IN  
NUTSHELL - IQAC & JKC - JUNE 2021

jkchcg2020@gmail.com [Switch account](#)

\* Required

Email \*

Your email

Full Name (Required on Certificate) \*

Your answer

32°C Partly sunny

10:45 17-06-2022

(12) WhatsApp x ONLINE QUIZ - ANALYTICAL SKI x Form Presenter x +

presenter.jivrus.com/p/10TKd5BxD\_i2N7pV6LnXx0hFH4iedgbUqyQ1a4iLaKc

**Form Presenter** **QUIZ - ANALYTICAL SKILLS IN NUTSHELL - JKC - JUNE 2021**

**Presenting Form QUIZ - ANALYTICAL SKILLS IN NUTSHELL - JKC - JUNE 2021**

**QUIZ - ANALYTICAL SKILLS IN NUTSHELL - JKC - JUNE 2021**



Total time: **60 minutes**

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32°C

ENG



**Hindu College Guntur (AP)**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

**IQAC & JKC**

**Online Quiz on**

**Analytical Skills in Nutshell**

*Certificate of Participation*

**This is to certify that**

**PRIYOTOSH SIL**

**Visva-Bharati University,  
Santiniketan**

has successfully participated in online Quiz on  
**Analytical Skills** in the months of June 2021.

Dr. S.V.S. Girija  
Coordinator, IQAC

Y. SREEKANTH  
Coordinator, JKC

Dr. D.N. Deekshit  
Principal

**88%**

Made for free with Certify'em



**Hindu College Guntur (AP)**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

**IQAC & JKC**

**Online Quiz on  
Analytical Skills in Nutshell**  
*Certificate of Participation*  
**This is to certify that**

**Bhargavi bollepalli**

**Jkc, guntur**

has successfully participated in online Quiz on  
**Analytical Skills** in the months of June 2021.

Dr. S.V.S. Girija  
Coordinator, IQAC

Y. SREEKANTH  
Coordinator, JKC

Dr. D.N. Deekshit  
Principal

40%

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**Hindu College Guntur (AP)**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

**IQAC & JKC**

**Online Quiz on  
Analytical Skills in Nutshell**  
*Certificate of Participation*  
**This is to certify that**

**Midde Sireesha**

**Andhra Kesari Degree College,  
Rajahmundry.**

has successfully participated in online Quiz on  
**Analytical Skills** in the months of June 2021.

Dr. S.V.S. Girija  
Coordinator, IQAC

Y. SREEKANTH  
Coordinator, JKC

Dr. D.N. Deekshit  
Principal

44%

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## GRAND TEST

Identifying the pattern, fill the blank space on the other side analogously from among the four options given

1. 4:80 :: 5: ---  
a) 220    **b) 150**    c) 135    d) 120
2. 64: 100 :: 72 : ---  
a) 144    b) 121    c) 112    **d) 81**
3. 6 : 62 :: 8 : --  
a) 83    b) 72    c) 63    **d) 82**
4. 14641 : 11 :: 2401 : ?  
a) **7**    b) 9    c) 21    d) 29
5. 10 : 30 :: 15 : ?  
a) **55**    b) 65    c) 75    d) 85
6. DIME : EHOC :: RING : ?  
a) SGPE    **b) SHPE**    c) SHPF    d) THPE
7. BRF : AOK :: TSM : ?  
a) SQJ    b) **SPR**    c) STO    d) SQH
8. B7W : I7P :: -- : P9B  
a) H9K    b) G9L    c) H9L    d) **G9K**
9. FEAR : THREAT :: HANGER : ---  
a) LIE    b) **CHEATING**    c) PANIC    d) PROVOCATION
10. 46 : E :: 79 : ---  
a) F    b) G    c) **H**    d) I

Pick the odd things out

11. 46080 3840 384 **58**
12. MANGO    APPLE    **WATERMELON**    GUAVA
13. INTIMACY    ATTACHMENT    **ENEMITY**    FRIENDSHIP
14. OP    AB    **GF**    RS
15. **MPNMF**    GWNLE    GPZVW    OEWXT
16. If “CAR” is coded as “ECT” , how will you code “BUS”  
a) DUW    b) **DWU**    c) FHJ    d) DWH
17. If “FAVOUR” is coded as “ECURTV” how will you code “FOSTER”



- a) EQRWVD    b) EQRDWV    c) EQRWDV    d) EQWRDV

18. Rajesh walked 25 mts towards South. Then he turned to his left and walked 20 mts. He then turned to his left and walked 25 mts. He again turned to his right and walked 15 mts. At what distance is he from the starting point and in which direction?

- a) 35 mts South    b) 35 mts North    c) 35 mts West    d) none

19. Vasu walks 3 km towards East, turns left and walks 4 km. How far is he from the starting point and in which direction?

- a) 6 km towards North East    b) 7km towards North    c) 5 km towards South  
d) 5 km towards North East

20. Today is Tuesday. What day of the week it was 124 days before?

- a) Wednesday    b) Thursday    c) Friday    d) Saturday

21. The year next to 1988 having same calendar as that of 1987 is

- a) 1992    b) 1998    c) 1996    d) 1994

22. At what time between 3 o'clock and 4 o'clock are the hands of a clock together

- a) 16 4/11 min past 3    b) 22 8/11 min past 3    c) 17 3/11 min past 3    d) none

23. A watch which gains uniformly is 5 min slow at 6 AM on a Monday and 10 min fast on the following Monday at 6 PM. When was the watch correct?

- a) Tuesday 2PM    b) Wednesday 2 PM    c) Thursday 2 PM    d) Wednesday 6 PM

24. A is the brother of the son of B's son. How is A related B?

- a) Son    b) Grandson    c) Brother    d) None

25. Pointing a man in photograph, Pooja said "his mother's only daughter is my mother". How is Pooja related to that man?

- a) Sister    b) Niece    c) Wife    d) Granddaughter

## ARITHMETIC

26. If  $\frac{2}{5}$ th of a number is 800, then find  $\frac{3}{4}$ th of the number.

- a) 2000    b) 1500    c) 1000    d) 2500

27. A number when divided by 899 gives a remainder 63. What remainder will be obtained by dividing the same number by 29.

- a) 2    b) 3    c) 5    d) 7

28. What is the number in units place in  $359^{59}$ .

- a) 1    b) 9    c) 7    d) 3

29. The value of  $16 \left[ 42 - \left\{ 35 - (17 - \overline{4 - 7}) - 5 \right\} - 2 \right]$

- a) 400    b) 420    c) 320    d) 480

30. A number exceeds 20% of itself by 40. The number is

- a) 50    b) 60    c) 80    d) 20

31. The population of a town is decreased from 8500 to 7500. Find the decreased percentage of the population.

- a) 11    b) 10.76    c) 11.76    d) 10

32. A man buys 9 articles for Rs. 16 and sells them at 11 for Rs. 20. What is the gain percent or loss percent.

- a) Gain  $3\frac{2}{11}\%$     b) Gain  $2\frac{3}{11}\%$     c) Loss  $2\frac{3}{11}\%$     d) Loss  $3\frac{2}{11}\%$

33. A salesman makes his goods at 25 % above the cost price. If he allows 10% discount how much percent of profit does he makes?

- a) 15 %    b) 12.5 %    c) 11.5 %    d) 10 %

34. A car during its journey travels 30 minutes at a speed of 40 kmph, another 45 minutes at 60 kmph and 2 hours at 70 kmph. Find its average speed.

- a) 53.04 kmph    b) 68.04 kmph    c) 63.04 kmph    d) 58.04 kmph

35. A robber steals a bag from a man at 5 PM and starts running at 10 kmph. Police is informed by the man at 12 minutes past 5 PM and the police chases robber on a cycle at 15 kmph. At what time is the robber caught by the police?

- a) 5.36 PM    b) 5.26 PM    c) 5.16 PM    d) 5.46 PM

36. In what time will Rs. 8500 amounts to Rs. 15767.50 at 4.5 % per annum.

- a) 18 years    b) 19 years    c) 17 years    d) 20 years

37. In how many years will a sum of money becomes 4 times at 15 % per annum simple interest?

- a) 19 years    b) 20 years    c) 16 years    d) 12 years

38. The difference between compound interest and simple interest on a certain sum of money at 5 % per annum for 2 years is Rs. 15. Find the sum.

- a) 5000    b) 8000    c) 6000    d) 7500

39. The sum of ages of father and his son is 88 years. If the ratio between their ages is 7 : 4, then find father's age.

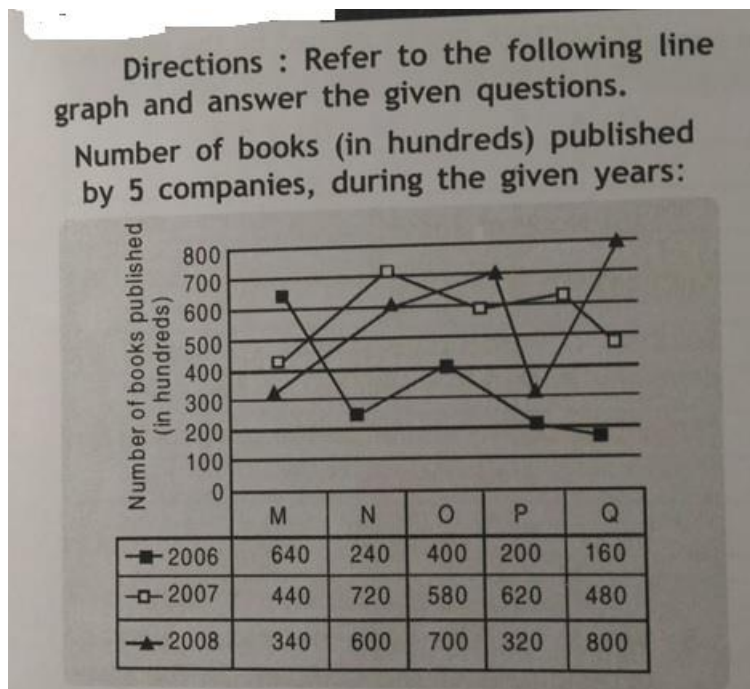
- a) 32 years    b) 56 years    c) 24 years    d) 42 years

40. The present age of Sunny is twice the age of Sachin two years ago. If the difference of their ages is two years, what is the age of Sunny?

- a) 8 years    b) 6 years    c) 10 years    d) 4 years

41. A train running at 72 kmph takes 15 seconds to cross a pole near the track. Find the length of the train.
- a) 200 mts      b) 300 mts      c) 150 mts      d) 225 mts
42. A man can row at 7 kmph in still water. In a stream which is flowing at 3 kmph, it takes him 14 hours to row a place and back. How far is the place?
- a) 40 km      b) 35 km      c) 30 km      d) 42 km
43. Find the mean proportion between 0.32 and 0.02.
- a) 0.0064      b) 0.16      c) 0.08      d) 0.8
44. If  $A : B = 7 : 9$ ,  $B : C = 3 : 5$ , then  $A : B : C$  is
- a) 7 : 9 : 5      b) 7 : 9 : 15      c) 7 : 3 : 15      d) 7 : 3 : 5
45. If three persons A, B and C shared profits in the ratio 2 : 3 : 4. If B received Rs. 10000 more than A, then find the share of C.
- a) 10000      b) 30000      c) 40000      d) 20000
46. The L.C.M. and H.C.F. of two numbers are 840 and 30 respectively and one of those numbers is 120, find the other number.
- a) 120      b) 210      c) 28      d) 180
47. A can do a piece of work in 10 days and B can do it in 15 days. How many days both will take to complete the work?
- a) 6 days      b) 8 days      c) 12 days      d) 10 days

48.



If the total amount invested by the two companies in 2009 was Rs. 27 lakhs, while the amount invested by Company B was 50 % of the amount invested by Company A, what was the total profit earned by the two Companies together?

- a) Rs 21.15 lakhs    b) Rs. 20.70 lakhs    c) Rs. 18.70 lakhs    d) Rs. 20.15 lakhs

49. In an election between two candidates, 75% of the voters cast their votes, out of which 2 % of the votes were declared invalid. A candidate got 9261 votes which were 75 % of the total valid votes. Find the total number of votes enrolled in that election.

- a) 16800    b) 16500    c) 18600    d) 16850

50. The effective annual rate of interest corresponding to a nominal rate of 6 % per annum payable half – yearly is

- a) 6.9 %    b) 9.06 %    c) 6.09 %    d) none

Hindu College, Guntur

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Time: 60 minutes from starting the test

With regards,

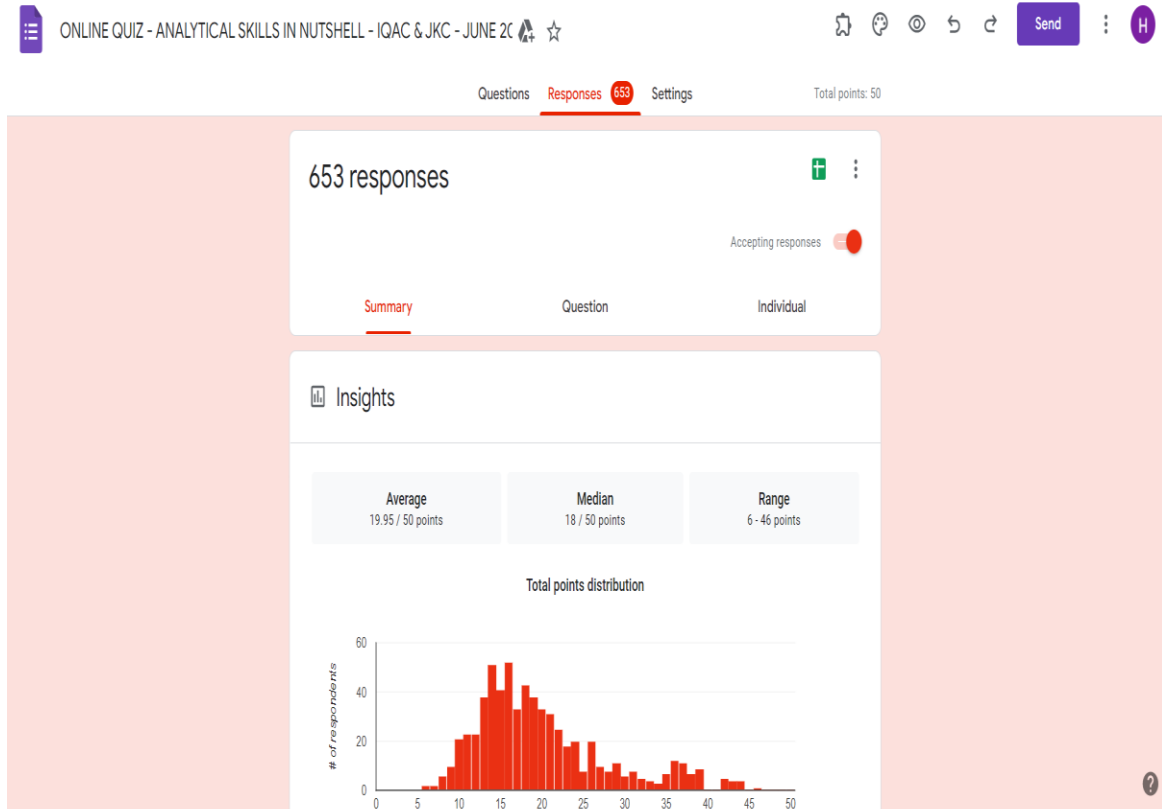
Principal

IQAC and JKC Teams

# ONLINE QUIZ - ANALYTICAL SKILLS IN NUTSHELL - IQAC & JKC

## - JUNE 2021

### RESPONSES



## Frequently missed questions

| Question                         | Correct responses |
|----------------------------------|-------------------|
| 2. 64 : 100 :: 72 : ---          | 213 / 653         |
| 3. 6 : 62 :: 8 : --              | 291 / 653         |
| 4. 14641 : 11 :: 2401 : ?        | 235 / 653         |
| 5. 10 : 30 :: 15 : ?             | 252 / 653         |
| 8. B7W : I7P :: -- : P9B         | 171 / 653         |
| 9. FEAR : THREAT :: HANGER : --- | 171 / 653         |
| 10. 46 : E :: 79 : ---           | 326 / 653         |
| Q.11                             | 265 / 653         |
| Q.13                             | 316 / 653         |
| Q.15                             | 136 / 624         |

|                                                                                                                                                                                                                                                            |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 18. Rajesh walked 25 mts towards South. Then he turned to his left and walked 20 mts. He then turned to his left and walked 25 mts. He again turned to his right and walked 15 mts. At what distance is he from the starting point and in which direction? | 215 / 653 |
| 19. Vasu walks 3 km towards East, turns left and walks 4 km. How far is he from the starting point and in which direction?                                                                                                                                 | 161 / 653 |
| 20. Today is Tuesday. What day of the week it was 124 days before?                                                                                                                                                                                         | 261 / 653 |
| 21. The year next to 1988 having same calendar as that of 1987 is                                                                                                                                                                                          | 307 / 653 |
| 22. At what time between 3 o'clock and 4 o'clock are the hands of a clock together                                                                                                                                                                         | 293 / 653 |
| 23. A watch which gains uniformly is 5 min slow at 6 AM on a Monday and 10 min fast on the following Monday at 6 PM. When was the watch correct?                                                                                                           | 92 / 653  |
| 24. A is the brother of the son of B's son. How is A related B?                                                                                                                                                                                            | 311 / 653 |
| 25. Pointing a man in photograph, Pooja said " his mother's only daughter is my mother". How is Pooja related to that man?                                                                                                                                 | 277 / 653 |
| 27. A number when divided by 899 gives a remainder 63. What remainder will be obtained by dividing the same number by 29.                                                                                                                                  | 247 / 652 |
| 28. What is the number in units place in                                                                                                                                                                                                                   | 285 / 652 |
| 29. The value of                                                                                                                                                                                                                                           | 145 / 652 |
| 30. A number exceeds 20% of itself by 40. The number is                                                                                                                                                                                                    | 210 / 652 |
| 31. The population of a town is decreased from 8500 to 7500. Find the decreased percentage of the population.                                                                                                                                              | 237 / 652 |
| 32. A man buys 9 articles for Rs. 16 and sells them at 11 for Rs. 20. What is the gain percent or loss percent.                                                                                                                                            | 280 / 652 |
| 33. A salesman makes his goods at 25 % above the cost price. If he allows 10% discount how much percent of profit does he makes?                                                                                                                           | 270 / 652 |
| 34. A car during its journey travels 30 minutes at a speed of 40 kmph, another 45 minutes at 60 kmph and 2 hours at 70 kmph. Find its average speed.                                                                                                       | 289 / 652 |
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| 36. In what time will Rs. 8500 amounts to Rs. 15767.50 at 4.5 % per annum.                                                                                                                                                                                 | 275 / 652 |
| 37. In how many years will a sum of money becomes 4 times at 15 % per annum simple interest?                                                                                                                                                               | 235 / 652 |
| 38. The difference between compound interest and simple interest on a certain sum of money at 5 % per annum for 2 years is Rs. 15. Find the sum.                                                                                                           | 231 / 652 |



|                                                                                                                                                                                                                                                                    |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 39. The sum of ages of father and his son is 88 years. If the ratio between their ages is 7 : 4, then find father's age.                                                                                                                                           | 318 / 652 |
| 40. The present age of Sunny is twice the age of Sachin two years ago. If the difference of their ages is two years, what is the age of Sunny?                                                                                                                     | 144 / 652 |
| 41. A train running at 72 kmph takes 15 seconds to cross a pole near the track. Find the length of the train.                                                                                                                                                      | 247 / 652 |
| 42. A man can row at 7 kmph in still water. In a stream which is flowing at 3 kmph, it takes him 14 hours to row a place and back. How far is the place?                                                                                                           | 145 / 641 |
| 43. Find the mean proportion between 0.32 and 0.02.                                                                                                                                                                                                                | 240 / 652 |
| 44. If $A : B = 7 : 9$ , $B : C = 3 : 5$ , then $A : B : C$ is                                                                                                                                                                                                     | 293 / 652 |
| 45. If three persons A, B and C shared profits in the ratio 2 : 3 : 4. If B received Rs. 10000 more than A, then find the share of C.                                                                                                                              | 246 / 652 |
| 46. The L.C.M. and H.C.F. of two numbers are 840 and 30 respectively and one of those numbers is 120, find the other number.                                                                                                                                       | 287 / 652 |
| 47. A can do a piece of work in 10 days and B can do it in 15 days. How many days both will take to complete the work?                                                                                                                                             | 197 / 652 |
| 48. If the total amount invested by the two companies in 2009 was Rs. 27 lakhs, while the amount invested by Company B was 50 % of the amount invested by Company A, what was the total profit earned by the two Companies together?                               | 228 / 652 |
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