



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

RRB NTPC 2015 (CBT-1) Previous Year Paper (19-Apr-2016) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks
1	Test	100	100

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

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Your Personal Exams Guide

Test

1. Read the following excerpt and answer the questions.

(+1, -0.33)

Mosquitoes spread various types of diseases. They thrive in tropical climates. Stagnant water, rotten waste in the open and open drains contribute significantly to the development of mosquitoes. For the prevention of mosquito-borne diseases, we must ensure that garbage is collected regularly and properly managed, prevent water logging and keep the surrounding area clean.

Which of the following options is correct according to the given statements?

- A. Most diseases are spread by mosquitoes.
- B. It should be divided into biodegradable and non-biodegradable wastes before disposal of waste.
- C. The condition of the drainage system is very poor.
- D. Stagnant water is a breeding ground for mosquitoes.

a. D

b. A

c. C

d. B

2. Find the value of 5231405×99999 .

(+1, -0.33)

- A. 523135278595
- B. 723135268595
- C. 523135268595
- D. 623135268595

a. D

b. B

c. C

d. A

3. Automobile exhaust is an important element involved in automobile exhaust.

(+1, -0.33)

- A. Fluorine

- B. Sodium
- C. Magnesium
- D. Lead

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

4. Heat is not directly transmitted to _____. (+1, -0.33)

- A. Measurement of thermal energy
- B. Speed of molecules
- C. Transfer via electromagnetic waves
- D. Thermodynamic properties of substances

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

5. The Newton-Bhabha Fund Program was a joint initiative of (+1, -0.33)

- A. America and Pakistan
- B. India and Britain
- C. India and America
- D. America and UK

- a. A
- b. B
- c. D

d. C

6. The following table shows the number of students who selected four subjects in four colleges VP, DJ, KS and GB. (+1, -0.33)

	Electronics	Computer	Economics	Statistics
VP	220	150	200	150
DJ	240	125	200	220
KS	200	130	250	170
GB	225	150	180	125

Consider the following information and answer the following questions based on it.

What percent of the total students chose Economics at KS College?

- A. 30%
- B. 17.33%
- C. 22.67%
- D. 33.33%

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

7. The following table shows the number of students who selected four subjects in four colleges VP, DJ, KS and GB. (+1, -0.33)

	Electronics	Computer	Economics	Statistics
VP	220	150	200	150
DJ	240	125	200	220
KS	200	130	250	170
GB	225	150	180	125

Consider the following information and answer the following questions based on it.

There is a difference in the number of computer and statistics students

- A. 210
- B. 110
- C. 155
- D. 275
- a. B
- b. C
- c. D
- d. A

8. The following table shows the number of students who selected four subjects in four colleges VP, DJ, KS and GB. (+1, -0.33)

	Electronics	Computer	Economics	Statistics
VP	220	150	200	150
DJ	240	125	200	220
KS	200	130	250	170
GB	225	150	180	125

Consider the following information and answer the following questions based on it.

Which college has the maximum number of students?

- A. VP
- B. KS
- C. GB
- D. DJ
- a. C
- b. D
- c. A
- d. B

9. The holy city of Mecca is located in _____.

(+1, -0.33)

- A. UAE
- B. Saudi Arab
- C. Qatar
- D. Abu Dhabi
- a. A
- b. B

c. C

d. D

10. Table granulated sugar is commonly known as _____.

(+1, -0.33)

A. Sucrose

B. Dextrose

C. Glucose

D. Fructose

a. A

b. B

c. D

d. C

11. _____ is not a human bone joint.

(+1, -0.33)

A. Ball & socket

B. Gliding

C. Macro

D. Saddle

a. B

b. C

c. D

d. A

12. Four pairs of words are given below. Select the odd.

(+1, -0.33)

A. Pole : Cold

B. Summer : Temperature

C. Winter : Cold

D. Monsoon : Rain

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

13. If $A + B = 90^\circ$ and $A : B = 2 : 1$, Then $\tan A : \tan B = ?$ (+1, -0.33)

- a. 4 : 5
- b. 2 : 3
- c. 3 : 1
- d. 1 : 3

14. If ' $\times$ ' means ' $-$ ', ' $\div$ ' means ' $+$ ', ' $+$ ' means ' $\div$ ', and ' $-$ ' means ' $\times$ ' then (+1, -0.33)

$19 \div 63 + 21 \times 2 - 3 = ?$

- A. 19
- B. 16
- C. 8
- D. 9
- a. C
- b. D
- c. B
- d. A

15. If the angles of a triangle are in the ratio 4 : 5 : 6, find the value of the smallest angle? (+1, -0.33)

- A. 36°
- B. 48°
- C. 12°

D. 24°

a. B

b. D

c. A

d. C

16. The instrument used for ancient mathematical calculations is called _____. (+1, -0.33)

A. Calculator

B. Abacus

C. Table

D. Graphing

a. B

b. D

c. C

d. A

17. The Government of India has classified _____ rivers as major rivers in India. (+1, -0.33)

A. 9

B. 10

C. 11

D. 12

a. B

b. A

c. D

d. C

18. U and B are the daughters of G and M respectively. L is the mother of G and M. S is the sister of U. L has only two daughters. How is M related to S? (+1, -0.33)

- A. Sister
- B. Daughter
- C. Aunt
- D. Cousin

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

19. Sumit's salary was reduced by 40% and thereafter it was increased by 40%. Find the final loss% in his salary. (+1, -0.33)

- A. 16%
- B. 45%
- C. 44%
- D. 66%

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

20. _____ is used to make microchips. (+1, -0.33)

- A. Graphite
- B. Polyvinyl
- C. Silicon
- D. Bakelite

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

21. Choose the option that shows a different relation to the given pair.-

(+1, -0.33)

India : Indian Rupee

- A. Pakistan : Pakistani Rupee
- B. Nepal : Nepalese Rupee
- C. Bangladesh : Bangladeshi Rupee
- D. Sri Lanka : Sri Lankan Rupee

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

22. If $(2a - 3)^2 + (3b - 5)^2 + (4c - 7)^2 = 0$, then find the value of $\sqrt{4a + 3b + 4c}$.

(+1, -0.33)

- A. $6\sqrt{2}$
- B. $9\sqrt{2}$
- C. $12\sqrt{2}$
- D. $3\sqrt{2}$

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

23. MRI is an abbreviation for

(+1, -0.33)

- A. Medical Research Information
- B. Magnetic Resonance Imaging
- C. Media Research Information
- D. Medical Research Imaging

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

24. What is not true about Soil Health Card?

(+1, -0.33)

- A. It is a state government-sponsored scheme.
- B. Provides basic input on soil nutrients.
- C. Helps farmers improve productivity.
- D. Recommends fertilizers in terms of the crop.

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

25. Which of the following years was not happened the Indo-Pak war?

(+1, -0.33)

- A. 1947
- B. 1962
- C. 1971
- D. 1999

- a. C
- b. A
- c. B

d. D

26. If $5A = 6B$ and $6A = 4C$, the ratio of $B : C$ is:

(+1, -0.33)

- A. 4 : 3
 - B. 5 : 6
 - C. 5 : 9
 - D. 10 : 15
- a. D
- b. A
- c. C
- d. B

27. Sara's mother is Rama who is Rahul's sister. Sunil's father is Rahul whose brother is Tatya. How is Tatya related to Sara?

(+1, -0.33)

- A. Cousin
 - B. Son
 - C. Uncle
 - D. Brother
- a. D
- b. C
- c. B
- d. A

28. In 1928, the Bardoli Satyagraha was finally led by _____.

(+1, -0.33)

- A. Mahatma Gandhi
- B. Vallabh Bhai Patel
- C. Lokmanya Tilak

D. Gopal Krishna Gokhale

a. C

b. B

c. A

d. D

29. ICICI Bank's 'iwork@home' initiative is for _____.

(+1, -0.33)

A. Roadside seller

B. Small Industry

C. Bank's female employees

D. Savings account holder

a. B

b. C

c. A

d. D

30. In 'CT Scan', 'CT' means _____.

(+1, -0.33)

A. Cathode-ray Tube

B. Computerized Testing

C. Computed Tomography

D. Compartment Tracking

a. B

b. D

c. C

d. A

31. In a family, three married sons and two unmarried daughters live with their parents. Each son has two daughters and a son. How many female members are there in the family? (+1, -0.33)

- A. 7
- B. 8
- C. 9
- D. 12
- a. D
- b. B
- c. A
- d. C

32. Cryogenic refers to _____. (+1, -0.33)

- A. Low temperature
- B. High temperature
- C. Low pressure
- D. High pressure
- a. B
- b. D
- c. A
- d. C

33. _____ is not a sport of martial arts of India. (+1, -0.33)

- A. Thang-Ta
- B. Silambam
- C. Pari-Khanda
- D. Jailhouse Rock
- a. C

- b. A
- c. B
- d. D

34. _____ served twice as Acting Prime Minister of India. (+1, -0.33)

- A. Charan Singh
- B. Vishwanath Pratap Singh
- C. Indra Kumar Gujral
- D. Gulzarilal Nanda

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

35. If 'branches have leaves' is coded as 673, 'tress have branches' is coded as 746 and 'mangoes all trees' is coded as 491 then which digit will represent 'trees'? (+1, -0.33)

- A. 2
- B. 5
- C. 3
- D. 4
- a. B
- b. D
- c. A
- d. C

36. The mean of 7 observations is 18. Another observation is included and the new mean becomes 18.5. The 8th observation is: (+1, -0.33)

- A. 20

B. 21

C. 22

D. 23

a. D

b. A

c. C

d. B

37. Name the capital of Pakistan.

(+1, -0.33)

A. Rawalpindi

B. Islamabad

C. Karachi

D. Lahore

a. D

b. A

c. B

d. C

38. The supplementary angle of $113^{\circ}25'$ is _____.

(+1, -0.33)

A. $67^{\circ}35'$

B. $66^{\circ}35'$

C. $67^{\circ}15'$

D. $46^{\circ}25'$

a. B

b. D

c. C

d. A

39. In 2009, the Central Government assigned the task of a unique identification project to _____ (+1, -0.33)
with cabinet rank.

A. S. Jaipal Reddy

B. Nandan M. Nilekani

C. N. R. Narayana Murthy

D. S. Ramadorai

a. B

b. C

c. D

d. A

40. Suresh covers a distance of 49 kilometers in 4 hours 5 minutes in the direction of the stream and 19 kilometers in 3 hours 10 minutes in the opposite direction of the stream in a luxury boat. What is the speed of river stream at present? (+1, -0.33)

A. 3 Km/h

B. 2 Km/h

C. 1 Km/h

D. 5 Km/h

a. A

b. B

c. C

d. D

41. Find the missing term (?) from the series- (+1, -0.33)

SRT, VUW, YXZ, ?

A. AZB

B. BAC

C. ABC

D. ABZ

a. C

b. A

c. B

d. D

42. If $\tan A + \cot A = 2$, then $\tan 3A + \cot 3A = ?$

(+1, -0.33)

A. $-(2)$

B. 1

C. 0

D. 3

a. A

b. B

c. C

d. D

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43. Read the given statements and answer the questions based on it.

(+1, -0.33)

Statement:

1. All players are cooks.

2. Some singers are sportsmen and some cooks are dancers.

Which of the given conclusions logically follows from the given statements.

A. All singers are cooks.

B. Some dancers are cooks.

C. There is no cook who is not player.

D. There are some singers who are cooks.

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

44. The mean of a distribution is 22 and the standard deviation is 10. What is the value of variance coefficient? (+1, -0.33)

- A. 45.45%
- B. 35.35%
- C. 25.25%
- D. 55.55%

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

45. Name the memory of the smallest unit from the following. (+1, -0.33)

- A. Yottabyte
- B. Zettabyte
- C. Exabyte
- D. Terabyte

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

46. Following are some of his conclusions following the statements. (+1, -0.33)

Statement:

1. Through constant physical exercise a weight lifter increases his capacity to lift more weight.
2. Similarly, through continuous breathing exercises, the ancient sages had the ability to acquire extraordinary mental abilities.

Conclusions:

- I. Constant mental exercise enables you to lift more weight.
- II. Physical exercise is only for the body, not the brain.

Decide which of the following conclusions logically follows from the given statement(s).

- A. Only conclusion I follows
- B. Only conclusion II follows.
- C. Both I and II follow.
- D. Neither I nor II follows

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

47. Which of the following is not a river with inland drainage?

(+1, -0.33)

- A. Rupen
- B. Banas
- C. Periyar
- D. Saraswati

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

48. Find the value of $374 \times 374 - 374 \times 174$.

(+1, -0.33)

A. 57500

B. 60500

C. 74800

D. 74550

a. A

b. D

c. B

d. C

49. Triangle PQR is such that $PR = 12$ cm and triangle PQR is similar to triangle XYZ. If $XY = 20$ and $YZ = 28$ cm, then find the ratio of PQ : QR.

(+1, -0.33)

A. 5 : 7

B. 3 : 2

C. 7 : 5

D. 5 : 2

a. A

b. B

c. C

d. D

50. A sum of money becomes triple of itself in 10 years at the rate of simple interest, find the annual rate of interest.

(+1, -0.33)

A. 5%

B. 8%

C. 10%

D. 20%

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

51. _____ is associated with 'Zend Avesta'. (+1, -0.33)

- A. Zoroastrianism
- B. Sikhism
- C. Buddhism
- D. Jainism

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

52. _____ is a folk dance style of India. (+1, -0.33)

- A. Raut Nacha
- B. Chhau
- C. Kuchipudi
- D. Kalbelia

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

53. _____ was the notable personality behind the historic Mars orbiter space program. (+1, -0.33)

- A. Kiran Kumar

B. G. Madhavan Nair

C. K. Radhakrishnan

D. K. Kasturirangan

a. A

b. B

c. D

d. C

54. Find the similarity in the following:

(+1, -0.33)

Oil, Fur, Silk, Wool

A. They are all derived from the same source.

B. These are all good conductors.

C. All these are good insulator.

D. There is no similarity.

a. A

b. D

c. C

d. B

55. If $x = \frac{(a^2-25)}{(a^2-36)}$, $\frac{x}{y} = \frac{a-5}{a-6}$, then find the value of Y.

(+1, -0.33)

A. $\frac{a+6}{a+5}$

B. $\frac{(a+6)^2}{(a+5)^2}$

C. $\frac{(a+5)}{(a+6)}$

D. $\frac{(a+5)}{(a+6)^2}$

a. C

b. B

c. D

d. A

56. There are six members K, L, M, N, O and P in a family. Answer the following questions based on the following information. (+1, -0.33)

1. K and L are the most senior couple.
2. O and P are children of the banker.
3. P is the granddaughter of a retired person.
4. N, who is the daughter of L, is married to a banker.
5. K is the mother-in-law of M.

How many female members are there in the family?

A. 2

B. 3

C. 1

D. Cannot be determined

a. D

b. C

c. A

d. B

57. There are six members K, L, M, N, O and P in a family. Answer the following questions based on the following information. (+1, -0.33)

1. K and L are the most senior couple.
2. O and P are children of the banker.
3. P is the granddaughter of a retired person.
4. N, who is the daughter of L, is married to a banker.
5. K is the mother-in-law of M.

Who is the banker?

- A. K
- B. L
- C. M
- D. N
- a. D
- b. A
- c. C
- d. B

58. There are six members K, L, M, N, O and P in a family. Answer the following questions based on the following information. (+1, -0.33)

1. K and L are the most senior couple.
2. O and P are children of the banker.
3. P is the granddaughter of a retired person.
4. N, who is the daughter of L, is married to a banker.
5. K is the mother-in-law of M.

About which one of the following we do not know for sure whether it is male or female?

- A. L
- B. O
- C. M
- D. K
- a. D
- b. B
- c. C
- d. A

59. 6 boys or 10 girls can do a job in 25 days. How many days will it take 12 boys and 30 girls to do the same work? (+1, -0.33)

- A. 10
- B. 5
- C. 15
- D. 20
- a. C
- b. D
- c. A
- d. B

60. Rearrange the cluttered letters to make meaningful words and choose the one that is different from the rest. (+1, -0.33)

- A. AREY
- B. URHO
- C. NMHTO
- D. OKRF
- a. B
- b. D
- c. C
- d. A

61. If the standard deviation of a population is 12, what will be the variance of the population? (+1, -0.33)

- A. 144
- B. 24
- C. 72
- D. 36
- a. B
- b. C

c. D

d. A

62. The last Arjuna Award winner for Kho-Kho in 1998 was _____.

(+1, -0.33)

A. Shobha Narayan

B. S. B. Kulkarni

C. Veen Narayan Parab

D. H. M. Thakalkar

a. D

b. A

c. C

d. B

63. _____ was the world's first female astronaut.

(+1, -0.33)

A. Svetlana Savitskaya

B. Valentina Tereshkova

C. Sally Ride

D. Judith Resnik

a. A

b. B

c. D

d. C

64. Find the compound interest of Rs 30,000 for 2 years 73 days at the rate of 35/4% per annum.

(+1, -0.33)

A. Rs. 2929

B. Rs. 3000

C. Rs. 6101

D. Rs. 3635

a. C

b. A

c. D

d. B

65. Find the missing number (?) from the series.:

(+1, -0.33)

3, 12, 39, 120, ?

A. 296

B. 275

C. 263

D. 363

a. C

b. D

c. A

d. B

66. If P means '+', Q means '×', R means '÷' and K means '-' then

(+1, -0.33)

the value of $42 K 1 R 14 Q 30 R 12 Q 28 P 110$ will be

A. 105

B. 110

C. 147

D. 115

a. D

b. B

c. C

d. A

67. If P is the largest number that divides 60, 150 and 285, then there is the same remainder in each case, then P is the sum of digits. (+1, -0.33)

A. 7

B. 5

C. 4

D. 9

a. D

b. B

c. C

d. A

68. Consider the following information and answer the questions based on it. (+1, -0.33)

Out of 200 students, 20 have only red balloons, 30 have only blue balloons, 25 have only black balloons, 15 have both black and green balloons, 15 have both red and yellow balloons, 40 have only green balloons, 20 have both blue and black balloons, 25 have only yellow balloons, 5 have both red and black balloons and the rest of the students do not have any balloons.

What will be the ratio of those students who have green balloons to those who have red balloons?

A. 1

B. $\frac{1}{2}$

C. $\frac{11}{8}$

D. $\frac{7}{8}$

a. B

b. A

c. C

d. D

69. Consider the following information and answer the questions based on it.

(+1, -0.33)

Out of 200 students, 20 have only red balloons, 30 have only blue balloons, 25 have only black balloons, 15 have both black and green balloons, 15 have both red and yellow balloons, 40 have only green balloons, 20 have both blue and black balloons, 25 have only yellow balloons, 5 have both red and black balloons and the rest of the students do not have any balloons.

Number of students who do not have black balloons

- A. 45
- B. 65
- C. 115
- D. 135
- a. C
- b. B
- c. A
- d. D

70. Consider the following information and answer the questions based on it.

(+1, -0.33)

Out of 200 students, 20 have only red balloons, 30 have only blue balloons, 25 have only black balloons, 15 have both black and green balloons, 15 have both red and yellow balloons, 40 have only green balloons, 20 have both blue and black balloons, 25 have only yellow balloons, 5 have both red and black balloons and the rest of the students do not have any balloons.

How many students have at least two colored balloons?

- A. 50
- B. 55
- C. 40
- D. 45
- a. C
- b. D
- c. B
- d. A

71. X can copy 60 pages in 4 minutes, X and Y together can copy 750 pages in 30 minutes. In how many minutes can Y copy 100 pages? (+1, -0.33)

- A. 8
- B. 16
- C. 10
- D. 5
- a. D
- b. B
- c. C
- d. A

72. The National Green Tribunal is a _____. (+1, -0.33)

- A. Fast Track Court
- B. Non-Gajeted Organization
- C. Central Government Department
- D. Private Company
- a. C
- b. B
- c. A
- d. D

73. In 1884, the Deccan Education Society was founded by whom in Pune? (+1, -0.33)

- A. Vishnushastri Chiplunkar and Bal Gangadhar Tilak
- B. Bal Gangadhar Tilak and Gopal Ganesh Agarkar
- C. Mahadev Ballal Namjoshi and Bal Gangadhar Tilak
- D. Bal Gangadhar Tilrak and V.B. Kelkar
- a. A

- b. C
- c. D
- d. B

74. _____ is not one of the basic types of galaxies. (+1, -0.33)

- A. Regulars
- B. Spirals
- C. Ellipticals
- D. Irregulars

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

75. Following are some of the conclusions following the statements. (+1, -0.33)

Statement:

- 1. Global warming is resulting in an increase in temperature.
- 2. Melting glaciers will cause water-level rise that will affect coastal areas.

Conclusions:

- I. The only effect of global warming is the melting of glaciers.
- II. Global warming will affect people living in coastal areas.

Decide which of the following conclusions logically follows from the given statement(s).

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both I and II follow.
- D. Neither I nor II follows.

- a. D

- b. C
- c. A
- d. B

76. The present-day _____ used to be the capital of the Vijayanagara Empire. (+1, -0.33)

- A. Hampi
- B. Mysore
- C. Belur
- D. Srirangapattanam

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

77. Of the following, CEC means _____. (+1, -0.33)

- A. Chief Election Controller
- B. Central Election Commission
- C. Chief Election Commissioner
- D. Common Election Code

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

78. Multi-use plastic water bottles are made of _____. (+1, -0.33)

- A. Bakelite
- B. Polystyrene

C. Polyethylene

D. Silicon

a. C

b. B

c. A

d. D

79. If 'ROCKET' is written as 'CEROKT' then 'HURDLE' will be written as

(+1, -0.33)

A. RLHUED

B. RLHDUE

C. RLUHDE

D. RLHUDE

a. C

b. D

c. B

d. A

80. An Assertion (A) and a Reason (R) are given below.

(+1, -0.33)

Assertion(A): Water is a universal solvent.

Reason(R): Water can dissolve more substances than any other.

Choose the right option.

A. Both A and R are correct and R is the proper explanation of A.

B. Both A and R are correct but R is not a proper explanation of A.

C. A is correct but R is false.

D. A is false but R is correct.

a. D

b. A

c. B

d. C

81. _____ orbit did not have a space station.

(+1, -0.33)

A. Mir

B. Salyut 7

C. Skylab

D. Voyager 1

a. D

b. A

c. B

d. C

82. After five years, Mayank's age will be $\frac{3}{5}$ th of his father's age. Five years ago their age ratio was 2 : 5. Find the present age of Mayank.

(+1, -0.33)

A. 17

B. 13

C. 19

D. 15

a. D

b. C

c. B

d. A

83. The 88th Academy Award for Best Film was taken for _____.

(+1, -0.33)

A. Brooklyn

B. Room

C. The Big Short

D. Spotlight

a. C

b. D

c. A

d. B

84. In a certain code language ACE = 9 and AGE = 13 then what will be the value of FACE? (+1, -0.33)

A. 17

B. 14

C. 15

D. 18

a. C

b. D

c. A

d. B

85. The ratio of the present ages of X and Y is 2 : 1. After 14 years their age ratio will be 29 : 18. What is the difference between the present age of the two? (+1, -0.33)

A. 22 years

B. 11 years

C. 9 years

D. 13 years

a. C

b. A

c. D

d. B

86. A person covers the first 176 kilometers at a speed of 16 kilometers/hour and the next 64 kilometers at a speed of 32 kilometers/hour. What would be the approximate average speed for the first 240 kilometers of the journey? (+1, -0.33)

- A. 13 Km/h
- B. 27 Km/h
- C. 18.5 Km/h
- D. 21 Km/h

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

87. Excluding the stoppage of the metro station, the speed of the metro train is 60 kilometers per hour and including the station stop, it is 48 kilometers per hour. How many minutes does the metro train stop every hour? (+1, -0.33)

- A. 9 minutes
- B. 8 minutes
- C. 12 minutes
- D. 14 minutes

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

88. John buys four old tractors for Rs 2 lakh. He spent a total of 3 lakhs in the maintenance and repair of these four tractors. If he already sells one tractor out of four tractors for Rs. 1 lakh, then what is the average selling price of the remaining 3 tractors to get 40% total profit? (+1, -0.33)

- A. ₹ 1.5 lakh
- B. ₹ 1.2 lakh

- C. ₹ 2 lakh
- D. ₹ 2.3 lakh
- a. A
- b. B
- c. D
- d. C

89. A man bought two TV sets for Rs. 47,908. By selling one TV at 7% profit and the other at 11% loss, he did not make any profit or loss in the entire transaction. The cost price of each TV is: (+1, -0.33)

- A. ₹ 18,821, ₹ 29,187
- B. ₹ 18630.88, ₹ 29277.11
- C. ₹ 18,821, ₹ 29,887
- D. ₹ 18,781, ₹ 29,837
- a. C
- b. D
- c. A
- d. B

90. Hands : Gloves :: Feet : _____ (+1, -0.33)

- A. Shorts
- B. Pants
- C. Caps
- D. Socks
- a. D
- b. A
- c. B
- d. C

91. Find the largest number by which when 270, 675 and 1215 are divided, leave equal remainder in each case. (+1, -0.33)
- A. 45
 - B. 135
 - C. 270
 - D. 75
- a. D
b. B
c. C
d. A

92. If $(x^2 + 1/16x^2) = 19/2$, then find the value of $(2x - 1/2x)$. (+1, -0.33)
- A. 6
 - B. 12
 - C. 32
 - D. 41
- a. B
b. A
c. C
d. D

93. Accessing data stored in offsite centers over the internet is known as _____. (+1, -0.33)
- A. Local area network
 - B. Cloud computing
 - C. Intranet
 - D. Global network

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

94. How much is the remainder when Anubha divides 15^{300} by 16? (+1, -0.33)

- A. 7
- B. 1
- C. 5
- D. 9
- a. C
- b. D
- c. A
- d. B

95. The concept of _____ is based on superstitious beliefs. (+1, -0.33)

- A. Checker
- B. Solitaire
- C. Chess
- D. Snake and Ladder
- a. C
- b. D
- c. A
- d. B

96. In 2014, India sent 200 tonnes of drinking water to _____ through Indian Air Force aircraft (IAF) and naval warship. (+1, -0.33)

- A. Mauritius
- B. Maldives
- C. Taiwan
- D. South Korea

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

97. Ranjan sells a Pendrive for Rs 910 at 30% profit and another for Rs 180 at 10% loss. His total profit or loss % is: (+1, -0.33)

- A. 27.95%
- B. 24.50%
- C. 21.11%
- D. 22.11%

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

98. If SQUARE = RPTZQD then RECTANGLE = _____ (+1, -0.33)

- A. QDBFKDSZM
- B. QSBDZMFKD
- C. QDBSZMFKD
- D. QDBSZMDKF

- a. B
- b. A

c. D

d. C

99. What is not true with data conversion?

(+1, -0.33)

A. Upgrading from one version to another version

B. Receiving data from a legacy system

C. Receiving data from another module

D. It may use a standard import program

a. B

b. C

c. A

d. D

100. The most important component of glass is _____.

(+1, -0.33)

A. Mica

B. Quartz

C. Silica

D. Sodium Borate

a. D

b. B

c. C

d. A