ARUNACHAL PRADESH PUBLIC SERVICE COMMISSION, ITANAGAR

ASSISTANT AUDIT OFFICER - RECRUITMENT TEST – 2017-18

Subject   : General English, General Knowledge & Elementary Mathematics

Time   : 1½ Hours   **ROLL NO.**
Maximum Marks : 100

Signature of Candidate	*Signature of Invigilator*

INSTRUCTIONS FOR CANDIDATES

1. Immediately after the commencement of the Examination, candidate should check that this Booklet does **NOT** have any unprinted, torn or missing pages/sl.no. etc. If any defect is found, get it replaced by a Complete Question Booklet.

2. **DO NOT** write your Name or anything else in the Question Booklet except your Roll no. signature in the space provided.

3. Enter correct and entire digits of your Roll No. in the appropriate boxes and darken th corresponding bubbles in the OMR RESPONSE SHEET.

4. **DO NOT** handle your OMR RESPONSE SHEET in such a manner as to mutilate, fold etc.

5. This Question Booklet contains **100** questions carrying **1** mark each. Each question contains four responses. Choose **only one response/answer** for each question and darken the appropriate bubble on the OMR RESPONSE SHEET.

6. No candidate shall be admitted to the Examination Hall 20 minutes after commencement of the Examination. The Centre Supdt./Asstt. Centre Supdt. Of the Examination Hall will be the time-keeper and his/her decision in this regard is final.

7. Candidates are strictly prohibited to posses any book, notebook or loose paper, calculator, mobile phone etc. Inside the Examination Hall, except his/her Admit Card and writing materials only.

8. Immediately after the final bell indicating closure of the examination, stop markings. Be seated till the OMR RESPONSE SHEET is collected. After handing over the OMR RESPONSE SHEET to the Invigilator and after you have been permitted by the Invigilator to leave, you may leave the examination hall.

9. Violation of any of the above Rules will render the candidate liable to be expelled and disqualified from the Examination, and according to the nature and gravity of his/her offence, he/she may be debarred from future Examinations and interviews to be conducted by the Commission and other such organization (i.e UPSC, SSC & SPSCs).

N.B: CANDIDATE MAY RETAIN THE QUESTION BOOKLET

GENERAL ENGLISH   (1x35=35 Marks)

Q.1. Choose the word that is nearly opposite in meaning to **forlorn:**
A) mandatory
B) joyous
C) derelict
D) susceptible

Q.2. From among the given options, choose a word/phrase that is closest in meaning to **propitious:**

A) favourable
B) symbolic
C) oppressive
D) spasmodic

Q.3. Select the word that does not belong to the group possible to be formed with the rest:
A) barbarous
B) brutal
C) savage
D) nihilistic

Q.4. Find the pair of words that best explains the relationship suggested in the pair
DAM:WATER

A) SEA:WATER
B) BARRACK:SOLDIER
C) HOUSE:FAMILY
D) SILO:GRAINS

Q.5. Fill in the blanks in the sentence (Choose the word from the choices given) –
The onlookers watched and ----- the parade.

A) fascinated
B) applauded
C) attracted
D) accommodated

Q.6. Give the best order of the sentences given below so that a coherent paragraph
will be formed with the logically ending sentence (d):

(a) That vitiates the electoral atmosphere and the democratic credentials of a country
become questionable.
(b) Political parties in their bid to woo voters sometimes follow corrupt practices and
use violence.
(c) People elect to power those political parties that they like because of their honest
promises.
(d) Elections when concluded peacefully indicate that our democracy is matured.

A) cbad
B) abcd
C) acbd
D) bcad

Q.7. Find the error in the following sentence: The match-fixing episode hurts the cricket lover's since their trust in their country's players stands betrayed when they are defeated by playing below their potential.

A)match-fixing episode
B)cricket lover's
C)stands betrayed
D)are defeated

Q.8. Had he worked very hard, he should not have failed with such a poor score. The sentence means that

A)he passed with low score
B)he failed with a high score
C)he failed with a very low score
D)he had worked very hard

Q.9. If you were my brother, I should be even harsher in my confronting you when I find such unacceptable ways. The sentence means:

A)you are my brother
B)you are not my brother
C)I am not harsh in confronting you here
D)I do not find any unacceptable ways here

Q.10. No sooner had they reported of the accident than the police van rushed to rescue them from the situation. The sentence means:

A)the police van delayed to rescue them
B)the police van did not rescue them
C)the police van was prompt to rush to rescue them
D)the police van was not reported about the accident soon

Q.11. Choose the most logical order for getting a coherent paragraph beginning with the sentence (a):

(a) There were two boys who were very good friends though one was from a village and the other was from a city.
(b) The two friends turned into bitter enemies.
(c) The village boy befriended the girl whom the city boy liked.
(d) There was a very good girl whom both of them got to know after some time.

A)abcd
B)acbd
C)abdc
D)adcb

Q.12. Choose the word to Fill in the blanks in the sentence –

Dehradun as a tourist place is known for its ------ climate.

    A)submissive
    B)inferior
    C)susceptible
    D)salubrious

Q.13. Choose the nearest meaning of the sentence and mark your correct choice. –

I have had a good time.

    A)I have a good time.
    B)I had a good time.
    C) I have experienced a good time.
    D)I have to experience a good time.

Q.14. Mark your choice to correct and re-write the sentence –

He hinted that he wants money.

    A) He hinted that he wants money.
    B) He hinted that he wanted money.
    C) He hinted that he will want money.
    D) He hinted that he may want money.

Q.15. Mark your choice to correct and re-write the sentence –

He replied that he will come.

    A) He replied that he will come.
    B) He replied that he will have come.
    C) He replied that he will have to come.
    D) He replied that he would come.

Q.16. Mark your choice to correct and re-write the sentence –

The teacher said that honesty was the best policy.

    A) The teacher said that honesty will be the best policy.
    B) The teacher said that honesty would be the best policy.
    C) The teacher said that honesty is the best policy.
    D) The teacher said that honesty was the best policy.

Q.17. Mark your choice to correct and re-write the sentence –

I have been knowing him for a long time.

    A) I have been known him for a long time.
    B) I have knowing him for a long time.
    C) I have been knowing him for a long time.
    D) I have known him for a long time.

Q.18. Mark your choice to correct and re-write the sentence –

India has won the match last week.

- **A)** India won the match last week.
- **B)** India has been winning the match last week. ·
- **C)** India has been won the match last week.
- **D)** India has won the match last week.

Q.19. Mark your choice to correct and re-write the sentence –

He is taking a walk every morning.

- **A)** He has been taking a walk every morning.
- **B)** He takes a walk every morning.
- **C)** He took a walk every morning.
- **D)** He is taking a walk every morning.

Q.20. Mark your choice to correct and re-write the sentence –

He wrote last year a book.

- **A)** He wrote last year a book.
- **B)** He wrote a last year book.
- **C)** He wrote a book last year.
- **D)** He last year wrote a book.

Q.21. Mark your choice to correct and re-write the sentence –

Our hardly-won independence is not to be lightly taken.

- **A)** Our hard-won independence is to be lightly taken.
- **B)** Our hardy-won independence is not to be lightly taken.
- **C)** Our hardly-won independence is not to be light taken.
- **D)** Our hard-won independence is not to be lightly taken.

Q.22. Mark your choice to correct and re-write the sentence –

It is nothing else than fatigue.

- **A)** It is nothing else but fatigue.
- **B)** It is nothing else then fatigue.
- **C)** It is nothing than fatigue.
- **D)** It is nothing else from fatigue.

Q.23. Mark your choice to correct and re-write the sentence –

The girl has hardly preparing for her examinations.

- **A)** The girl is preparing hard for her examinations.
- **B)** The girl is preparing for her examinations hardly.
- **C)** The girl is hard preparing for her examinations.
- **D)** None of the above.

Q.24. Mark your choice to correct and re-write the sentence –

Do not repeat this mistake again.

    A) Do not again repeat this mistake.
    B) Do not repeat this mistake again and again.
    C) Do not repeat this mistake again.
    D) Do not repeat this mistake.

Q.25. Mark your choice to correct and re-write the sentence –

Rohit called from Pune that he was glad to be here.

    A) Rohit called from Pune that he is glad to be here.
    B) Rohit called from Pune that he was glad to be there.
    C) Rohit called from Pune that he was glad to be here.
    D) Rohit called from Pune that he was glad here.

Q.26. Choose the nearest meaning of the group of words italicised in the expression –

The swadeshis are *up in arms* over the issue of globalisation.

    A) full of praise
    B) resenting and protesting
    C) raising hands in support
    D) accommodated

Q.27. Choose the nearest meaning of the group of words italicised in the expression –
The political leaders supporting either groups in the row over the film Padmavati were really *barking up the wrong tree*.

    A) having a failed exercise
    B) having a successful exercise
    C) having a right exercise
    D) having a tough exercise

Q.28. Choose the nearest meaning of the group of words italicised in the expression –
Many employees think that they can move up the company ladder by *currying favour* with their boss.
    A) battering the boss
    B) buttering the boss
    C) batting the boss
    D) biting the boss

Q.29. Choose the nearest meaning of the group of words italicised in the expression –
Many employees think that the 7th Pay Commission benefits can move up as the Finance Minister of India has promised a re-consideration of certain provisions. How can they ignore what has come *from the horse's mouth*?

    A) from a source most authentic
    B) from the mouth of a horse
    C) from a horse
    D) from a source not authentic

Q.30. Choose the nearest meaning of the group of words italicised in the expression –
The long and short of the story that the villagers narrated is that the village is no more worth living.

   A) the length and brevity of
   B) the whole of
   C) the gist of
   D) the zest of

Q.31. Choose the nearest meaning of the foreign words italicised in the expression –
They are waiting to get a temple built at the disputed site since the matter is *sub judice*.
   A) already decided by a court of law
   B) not to be decided by a court of law
   C) still being decided by a court of law
   D) to be taken to a court of law for a decision

Q.32. Choose the nearest meaning of the foreign words italicised in the expression –
Lovers often go for a secret *rendezvous*.
   A) place which fascinates everybody for open meetings
   B) place meant to meet others meant to be avoided
   C) place frequented by other known people
   D) place of appointment

Q.33. Choose the nearest meaning of the foreign words italicised in the expression -
What you say now differs significantly from your previous statements. It is *non sequitur*.
   A) logically most consistent
   B) logically consistent
   C)logically not consistent
   D) logical and consistent

Q.34. Choose the one-word expression to best explain the group of words given in italics – *connected with the brain*

   A)celebrity
   B)cerebral
   C)cerelac
   D)cereals

Q.35. Mark your choice to indicate what the sentence here in italics suggests.–
Wow!What a fantastic dress!

   A) pleasure and pride
   B) condemnation and unfavourable criticism
   C) surprise and admiration
   D) frustration and pain

Q.36. Which of the following is not amongst Big Five of Kaziranga

    A) Indian Elephant

    B) Royal Bengal Tiger

    C) Asiatic Lion

    D) Eastern Swamp Deer

Q.37. Veins differ from arteries in having

    A) thinner walls

    B) strong walls

    C) narrower lumen

    D) valves to control direction of flow

Q.38. The normal temperature of the human body is

    A) 90 F

    B) 98 F

    C) 98.4 F

    D) 96.4 F

Q.39. Of Indian currency, the one rupee note bears the signature of the

    A) Secretary, Ministry of Finance, GoI

    B) Governor, RBI

    C) Finance Minister, GoI

    D) None of these

Q.40. The only Hindu to accept Din-i-Ilahi– the religious belief propounded by Akbar – was

    A) Tansen

    B) Todarmal

    C) Birbal

    D) Raja Mansingh

Q,41. Who gave the slogan "Jai Jawan Jai Kisan" ?

    A) Sadar Patel

    B) Lal Bahadur Shastri

    C) Jawaharlal Nehru

    D) Mahatma Gandhi

Q.42. Under which article of Constitution Jammu and Kashmir does enjoys special constitutional position ?

A) Article – 370
B) Article – 356
C) Article – 170
D) Article – 124

Q.43. Instrument used to detect earthquake is known as

A) seismometer
B) quadrometer
C) barometer
D) nanometer

Q.44. Which of the following latitudes passes through India ?

A) Equator
B) Tropic of Capricorn
C) Arctic Circle
D) Tropic of Cancer

Q.45. Which country is known as the "Cockpit of Europe"?
A) Belgium
B) Luxembourg
C) Switzerland
D) Netherlands

Q.46. Which one of the following countries is known as the "Land of Thunderbolt"?

A) Bhutan
B) Nepal
C) Bolivia
D) Belgium

Q.47. 'Nippon' is the name given to Japan which means

A) land of pagodas
B) land of northern lights
C) land of the rising Sun
D) land of volcanoes and earthquakes

Q.48. If there is no sun - the colour of the sky would be :

A) Blue
B) Orange
C) Black
D) Green

Q.49. Rana PratapSagar Plant (Rajasthan) is associated with :

A) crude oil

B) nuclear power

C) solar energy

D) hydroelectricity

Q.50. Which one of the following national park is situated in Gujarat ?

A) Corbett National Park

B) Gir National Park

C) Kaziranga National Park

D) Kanha National Park

Q.51. In which one of the following areas the Chipko movement in India was started

first of all ?

A) Garhwal area

B) Narmada Valley

C) Himachal region

D) Jammu & Kashmir

Q.52. Which Country is the winner of FIFA World Cup 2014?

A) Brazil

B) Argentina

C) Germany

D) Netherlands

Q.53. What can be used to watch TV shows on a smartphone

A) HotStar

B) TelStar

C) BlueStar

D) TwinkleStar

Q.54. Which of the following stadiums is associated with Hockey?

A) Eden Gardens

B) Sardar Patel Stadium

C) Dhyan Chand National Stadium

D) Nehru Stadium

Q.55. Jallikattu is a deadly bull-sport in which of the following states of India?

A) Andhra Pradesh

B) Tamil Nadu

C) Maharashtra

D) West Bengal

Q.56. Which of the following is an antibiotic medicine?
A) Aspirin
B) Ascorbiol
C) Paracetamol
D) Penicillin

Q.57. Electric transformers are used to :
A) Filter current
B) Regulate current
C) Serve as fuse
D) Change voltage

Q.58. Myopia is a defect of vision where one has difficulty in seeing:
A) Distant objects
B) Very close objects
C) Nearer objects
D) Green objects

Q.59. Pneumonia is an infection of the:
A) Nervous
B) Blood
C) Skin
D) Lungs

Q.60. A re-usable space rocket is called :
A) Apollo
B) Satellite
C) Space shuttle
D) Skylab

Q.61. Which of the following diseases is caused by Virus?
A) Typhoid
B) Malaria
C) Diabetes
D) Influenza

Q.62. The green pigment on plant leaves is due to presence of
A) Carotene
B) Chlorophyll
C) Mitochondria
D) Cellulose

Q.63. Who sang the theme song of FIFA World Cup 2014?
A) Pitbull and Jennifer Lopez
B) Kesha Rose Sebert
C) Lady Gaga
D) Enrique Iglesias

Q.64. Water get cooled in earthen pot and not in a metal or glass pot because :

A) Earthen walls are bad conductor so heat does not affect the water

B) Earthen walls of the pot absorb heat of water

C) Evaporation through micro pores on walls of the earthen pot

D) None of the above

Q.65. The harmful substance present in tobacco is :

A) Caffeine

B) Morphine

C) Enzyme

D) Nicotine

SECTION 'C'

ELEMENTARY MATHEMATICS   (1x35=35 Marks)

Q.66. 100 crores is the same as

A) 1 million

B) 10 millions

C) 100 millions

D) 1000 millions

Q.67. $x^2 + y^2 = 136$. If the square root of x is $\sqrt{6}$, find the value of y.

A) 10

B) 9

C) 8

D) 7

Q.68. The HCF of 13, 26, 104 is

A) 13

B) 26

C) 39

D) 104

Q.69. The LCM of 13, 26, 104 is

A) 13

B) 26

C) 39

D) 104

Q.70. Irrational numbers are closed under

A) addition

B) subtraction

C) multiplication

D) None of the above

Q.71. A bar chart is used to
- A) Compare parts of a whole
- B) Compute frequency of occurrence
- C) Compare among various categories of data.
- D) None of the above.

Q.72. Nabam attended college for 120 days in 2016. He attended 180 days in 2017. What is the percentage increase in his attendance?
- A) 30%
- B) 45%
- C) 50%
- D) 60%

Q.73. $[[\frac{1}{3}]^{-1} - [\frac{1}{2}]^{-1}]^{-1} =$
- A) $\frac{2}{6}$
- B) 1
- C) $\frac{3}{6}$
- D) $\frac{1}{6}$

Q.74. The exact value of the constant $\sqrt{2}$ is given by
- A) 1.41
- B) 1.4142
- C) $\frac{99}{70}$
- D) None of the above

Q.75. A second hand fridge was bought for ₹ 4000. After extensive repairs costing ₹ 1800 it was sold at a profit of 25%. What is the selling price of the fridge?
- A) ₹ 7000
- B) ₹ 7125
- C) ₹ 7200
- D) ₹ 7250

Q.76. 3 subtracted from half of a number gives 2. What is that number?
- A) 14
- B) 12
- C) 10
- D) 8

Q.77. Two friends Talo and Takar together earn ₹ 608 per day. If $\frac{6}{15}$ of Talo's earning is equal to $\frac{2}{3}$ of Takar's earning, what is Talo's earning per day?
- A) ₹ 440
- B) ₹ 380
- C) ₹ 228
- D) ₹ 328

Q.78. In an India vs. South Africa ODI cricket match, the Indian team managed to score on 4.6 runs per over for the first 10 overs. Compute the run rate required in the remaining 40 overs for the Indian team to reach the target of 306 runs.

A) 7.5
B) 5.5
C) 8.5
D) 6.5

Q.79. Find the amount accrued on a sum of Rs 3600 with a rate of interest of 6% for two years.

A) 4025
B) 4032
C) 4050
D) 4100

Q.80. $\dfrac{8}{100} + \dfrac{12}{30} + \dfrac{4}{20} =$

A) $\dfrac{102}{150}$
B) $\dfrac{110}{150}$
C) $\dfrac{120}{150}$
D) $\dfrac{125}{150}$

Q.81. The amount accrued for a sum of ₹ 1000 deposited with a interest rate of 8% compounded twice a year for a total period of 5 years is

A) ₹ 1,480.24
B) ₹ 1,580.94
C) ₹ 1,680.24
D) ₹ 1,780.94

Q.82. A bamboo handicrafts maker marks the price of a basket at 25% above its cost price. Then during festival season, she offers an 8% discount. What is her gain percent?

A) 10%
B) 15%
C) 20%
D) 25%

Q.83. A and B invest in a flower business in the ratio 2:3. If A's share of profit is ₹. 600, what is the total profit?

A) ₹ 1200
B) ₹ 1800
C) ₹ 1500
D) ₹ 900

Q.84. A and B can complete a given task in 16 days. B and C can complete the same task in 24 days. A, B and C can complete the same task in 12 days. If A and C attempt the same task, in how many days can they complete the same task?

A) 16

B) 12

C) 14

D) 20

Q.85. What is the length of the hypotenuse of a right triangle with base 5 and perpendicular 7?

A) 8.6 kms

B) 10.6 kms.

C) 12.2 kms

D) 9.2 kms

Q.86. A shopkeeper bought 25 kgs of superfine variety of rice at the rate of ₹ 20.00 per kg and bought 50 kgs of local basmati rice at the rate of ₹ 35.00 per kg. He mixed both types of rice together. What is the cost price per kg of the mixed rice?

A) ₹ 33

B) ₹ 32

C) ₹ 31

D) ₹ 30

Q.87. If you are asked to calculate the height of a jackfruit tree by measuring the shadow cast by it on the ground on a bright sunny day, which trigonometric function will you use?

A) *cosec*

B) *tangent*

C) *sine*

D) *cosine*

Q.88. The present age of Roshan's father is 4 times the present age of Roshan. After 10 years, the sum of Roshan's father and Roshan's age will be 95 years. What is Roshan's age now?

A) 15 years

B) 14 years

C) 20 years

D) 16 years

Q.89. The sum of all interior angles of a hexagon is equal to

A) 180

B) 360

C) 540

D) 720

Q.90. An equilateral triangular park with each side 12m needs to be exactly covered by a tarpaulin cover. Which of the following covers will exactly cover the park?

    A) A triangular tarpaulin cover with all the three angles equal to 60º

    B) A triangular tarpaulin cover with one angle 90º and one side 6m.

    C) A triangular tarpaulin cover with two sides = 12m and the angle between these equal sides = 60º

    D) None of the above.

Q.91. Find the smallest natural number by which 1080 must be multiplied so that product is a perfect cube.

    A) 16

    B) 25

    C) 36

    D) 49

Q.92. The mode of the following numbers 5, 6, 5, 7, 8, 5, 6 is

    A) 5

    B) 6

    C) 7

    D) 8

Q.93. Ayang bought a jeans for ₹4032 which included a GST of 12%. Find the price of the jeans before the GST was added.

    A) 3300

    B) 3200

    C) 3100

    D) 3600

Q.94. A speed of 20 meters per second is equal to

    A) 42 kms per hour

    B) 52 kms. per hour

    C) 62 kms per hour

    D) 72 kms per hour

Q.95. Volume of a sphere of radius r is given by

    A) $\frac{4}{3}\pi r^3$

    B) $4\pi r^3$

    C) $\frac{2}{3}\pi r^3$

    D) $2\pi r^3$

Q.96. Which of the following numbers is not irrational?

A) $\sqrt[2]{3}$

B) $\sqrt[2]{9}$

C) $\sqrt[2]{5}$

D) $\sqrt[2]{7}$

Q.97. Simplify the expression: $(x + y)(x - y) - (x^2 - y^2)$

A) $x^2 + y^2$

B) $x^2 - y^2$

C) $y^2 + x^2$

D) 0

Q.98. You want to paint your room with height, length and breadth of 3m, 6m and 4m respectively. How much will you have to spend if the cost of painting is ₹12 per sq.m.?

A) ₹ 1000

B) ₹ 1008

C) ₹ 1012

D) ₹ 1024

Q.99. The mean of the following numbers 12, 31, 18, 14, 15 is

A) 14

B) 16

C) 18

D) 20

Q.100. Which of the following is not a valid congruence rule for triangles?

A) ASS

B) SAS

C) ASA

D) RHS

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