

# **ALL INDIA RPS 2021 OLYMPIAD**

**2<sup>nd</sup> mega All India Online & Offline Event**

Organized by :-  
RPS Education Society  
Mahendergarh,  
Haryana

*Where the Briliants can also have chance to get bigger platform in 2021*



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**EXAMINATION (PHASE-I)**

# **RPS Olympiad-2021**

**Class- IV**

**M.M. : 60****Time : 60 mins.****SUBJECT- GK (15)****Q.1 Which continent has the largest number of countries?**

- a) Africa
- b) Europe
- c) Asia
- d) South America

**Q.2 Choose the correct statement:**

- a) Bharatanatyam is one of the most important forms of classical dance in Kerala.
- b) Kathakali is a dance form in the state of Tamil Nadu.
- c) Kuchipudi is the classical dance of Arunachal Pradesh.
- d) Kathak is derived from the word ‘Katha’ which means a story.

**Q.3 Which state of India does not have a common boundary with Myanmar?**

- a) Arunachal Pradesh
- b) Tripura
- c) Nagaland
- d) Manipur

**Q.4 Which one of the following states of India is surrounded by Bangladesh on three sides?**

- a) Mizoram
- b) Meghalaya
- c) Tripura
- d) West Bengal

**Q.5 Which of these is a famous book of Leo Tolstoy?**

- a) Fathers and sons
- b) War and peace
- c) Crime and punishment
- d) None of the above

**Q.6 Eggs and pulses are rich in \_\_\_\_\_**

- a) Minerals
- b) Vitamins
- c) Carbohydrates
- d) Proteins

- Q.7 A Sanskrit word which equates to “ what goes around comes around” what is this term?**
- a) Sangha
  - b) Sutra
  - c) Karma
  - d) Asthi
- Q.8 Which star is responsible for the light emitted by the moon?**
- a) Sun
  - b) Dhruv star
  - c) Evening star
  - d) Earth
- Q.9 Lord Buddha was originally called by which name?**
- a) Ashoka
  - b) Surabaya
  - c) Gangadhar
  - d) Siddhartha
- Q.10 Choose the correct answer from the alternatives given below.**  
The latitudes that pass- through Sikkim also pass through \_\_\_\_\_.
- a) Rajasthan
  - b) Punjab
  - c) Himachal Pradesh
  - d) Jammu & Kashmir
- Q.11 Which of the following states is an odd one out in terms of international border?**
- a) Rajasthan
  - b) Gujarat
  - c) Punjab
  - d) Himachal Pradesh
- Q.12 Which organs are controlled by the central nervous system?**
- a) Muscles
  - b) Brain, spinal cord
  - c) Reflex action
  - d) Tendons
- Q.13 The alternate term for athletics is:**
- a) Shot put
  - b) Running
  - c) Jumping
  - d) Track and Field

**Q.14 'Yen' is the official currency of which country?**

- a) China
- b) Japan
- c) Korea
- d) Nepal

**Q.15 What is the major composition of sun?**

- a) Hydrogen and helium
- b) Oxygen
- c) Carbon dioxide
- d) Oxygen and nitrogen

### SUBJECT- MATHS (15)

**Q.16 Which of the following is the correct expanded form for the numeral 646003254?**

- a)  $60000000+4000000+600000+30000+200+50+4$
- b)  $600000000+40000000+6000000+3000+200+50+4$
- c)  $600000000+4000000+600000+30000+200+50+4$
- d)  $600000000+40000000+600000+30000+200+50+4$

**Q.17 The product of Predecessor and Successor of 11 is \_\_\_\_\_**

- a) 99
- b) 210
- c) 120
- d) 108

**Q.18 From which of the following numbers must 4409 be subtracted so that the difference is 72352?**

- a) 67943
- b) 67941
- c) 76761
- d) 68943

**Q.19 How much to be added to 850 m to make it equal to 1 km?**

- a) 150 m
- b) 175 m
- c) 250 m
- d) 300 m

**Q.20 What is the difference obtained when zero is subtracted from a number?**

- a) Zero
- b) The number itself
- c) One
- d) Its predecessor

**Q.21 Which of the following is correct?**

- a) The radius of a circle is twice its diameter.
- b) The diameter of a circle is twice its radius.
- c) The radius of a circle and its diameter are equal in length.
- d) The diameter of a circle is half its radius.

**Q.22 What number should be added to 752, so that the sum becomes twice of 851?**

- a) 1603
- b) 950
- c) 653
- d) 99

**Q.23 Find the area of a square whose perimeter is 120 cm.**

- a)  $300 \text{ cm}^2$
- b)  $600 \text{ cm}^2$
- c)  $900 \text{ cm}^2$
- d)  $1200 \text{ cm}^2$

**Q.24 If we increase the length of the base of a triangle to four times, by how many times will its area increase?**

- a) Two times
- b) Four times
- c) Eight times
- d) Sixteen times

**Q.25 In an aquarium, there are 4 cat fish, 5 gold fish and 1 star fish. Which of the following statements about gold fish is true?**

- a) Half of the fish in aquarium are gold fish.
- b) More than half of the fish in aquarium are gold fish.
- c) None of the fish is gold fish.
- d) All fish are gold fish

**Q.26 Find the number which is divisible by 28.**

- a) 99981
- b) 99888
- c) 99998
- d) 99988

**Q.27 What are the next two terms in the pattern? AB, 12, CD, 34, .....**

- a) FG, 45
- b) EF, 67
- c) EF, 56
- d) FG, 45

**Q.28 Which of the following is equal to  $104 \times 50$ ?**

- a)  $(100 \times 5) + (4 \times 5)$
- b)  $(100 \times 5) + (4 \times 50)$
- c)  $(100 \times 50) + (40 \times 50)$
- d)  $(100 \times 50) + (4 \times 50)$

**Q.29 Which of the following figures has no faces or straight edges?**

- a) Cube
- b) Sphere
- c) Cone
- d) Cylinder

**Q.30 00:01: First minute of the day :: \_\_\_\_\_: Last minute of the day.**

- a) 12:59
- b) 24:59
- c) 23:59
- d) 24:00

**SUBJECT- ENGLISH (15)**

**Q.31 Which of the following is a common noun?**

- a) city
- b) school
- c) ocean
- d) all of these

**Q.32** In the sentence given below, change the underlined common noun to the proper noun.

**My brother and I went to the city yesterday.**

- a) Them
- b) They
- c) Mr. Thakkar
- d) Mumbai

**Q.33** Identify the pronoun in the following sentence.

**The science teacher handed us two beakers.**

- a) teacher
- b) beakers
- c) us
- d) handed

**Q.34** Fill in the blanks with the correct pronouns.

**This bus is not \_\_\_\_\_ . It's \_\_\_\_\_ .**

- a) they, that
- b) our, himself
- c) my, them
- d) ours, theirs

**Q.35** The superlative degree of the adjective ‘thoughtful’ is\_\_\_\_\_.

- a) most thoughtful
- b) thoughtfuller
- c) more thoughtful
- d) thoughtfullest

**Q.36** Which of the following sentence has both an adjective and an adverb?

- a) He was shocked.
- b) The fat puppy looked at me excitedly.
- c) It is a fast computer.
- d) The bird flew high.

**Q.37** Find the adverb in the following sentence.

**Rohan never comes to the community meetings.**

- a) comes
- b) never
- c) community
- d) meetings

**Q. 38 Fill in the blank with the correct preposition.**

**She spent more than an hour \_\_\_\_\_ the phone.**

- a) during
- b) in
- c) on
- d) while

**Q. 39 Fill in the blank with the correct preposition.**

**The grey desk is lying \_\_\_\_\_ the dark grey and the white desk.**

- a) among
- b) beside
- c) about
- d) between

**Q.40 Choose the correct conjunction to join the following two sentences.**

**I will go to the library. I will finish my work.**

- a) until
- b) and
- c) but
- d) for

**Q.41 Fill in the blank with the correct conjunction**

We had to cancel the picnic \_\_\_\_\_ it was raining.

- a) but
- b) because
- c) unless
- d) or

**Q.42 Choose the correct article to complete the following sentence.**

**I borrowed \_\_\_\_\_ pencil from your pile of pencils and pen.**

- a) a
- b) an
- c) the
- d) no article

**Q.43 Identify transitive verb from the options given below.**

- a) Shyam sings.
- b) They learn.
- c) You attend the class.
- d) None of these

**Q.44 What is the past form of verb ‘Sleep’?**

- a) Sleeps
- b) Slept
- c) Sleeping
- d) Sleep

**Q.45 Choose the correct conjunction to join the following two sentences.**

**I am very tired. I have been working all day.**

- a) because
- b) and
- c) but
- d) therefore

### **SUBJECT- EVS (15)**

**Q.46 A period of dormancy in winter by some animals is known as**

- a) Hibernation
- b) Aestivation
- c) Moultling
- d) None of these

**Q.47 Pick the odd one out**

- a) Bicycle
- b) Pulley
- c) Wedge
- d) Screw

**Q.48 Citrus fruits mainly contain.....**

- a) Proteins
- b) Carbohydrates
- c) Vitamin C
- d) Fats

**Q.49 In which of the following processes oxygen is used up**

- a) Burning
- b) Respiration
- c) Photosynthesis
- d) Both (a) and(b)

**Q.50 I protect the brain. I am made up of bones which are fused firmly together to form a shell-like structure. What am I?**

- a) Skull
- b) Ribcage
- c) Spine
- d) Sternum

**Q.51 Which of these can cause heartburn?**

- a) Being overweight
- b) Eating high fat foods
- c) Lying down soon after eating a large meal
- d) all of above

**Q.52 When you breathe, your lungs take in.....and give out .....**

- a) Air/oxygen
- b) Oxygen/carbon dioxide
- c) Carbon dioxide
- d) Waste/air

**Q.53 Which part of the brain controls balance and coordination?**

- a) Cerebrum
- b) Cerebellum
- c) Brain stem
- d) Frontal lobe

**Q.54 A group of stars that form a beautiful pattern is known as**

- a) Comets
- b) Asteroids
- c) Constellation
- d) Meteors

**Q.55 The Tapti river flows from which of the following regions?**

- a) Satpura range
- b) Vindhya range
- c) Western Ghats
- d) Eastern Ghats

**Q.56 What is the reason for the red colour of the red soil?**

- a) Phosphoric acid
- b) Humus
- c) Nitrogen
- d) Iron

**Q.57 Who among the following founded the Swadeshi Movement?**

- a) Baba Dyal Das
- b) Mahatma Gandhi
- c) Lala Lajpat Rai
- d) Bal Gangadhar Tilak

**Q.58 Which of the following is correctly paired?**

- a) First World War - 1925
- b) Jallianwala Bagh Massacre - 1919
- c) First revolt of independence - 1757
- d) Partition of Bengal - 1908

**Q.59 Which act was known as the ‘Black-Bill’?**

- a) Rowlatt Act
- b) Pitt’s India Act
- c) The Regulating Act
- d) Indian Council Act

**Q.60 The presence of harmful particles in air is called :**

- a) Fragmentation
- b) Air cycle
- c) Air pollution
- d) Air pollination