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JKPSC ROS

**Previous Year Paper
General Knowledge
Dec, 2020**



0000112

Total No. of Printed Pages-4]

Roll No. _____

2(ROS)0

GENERAL KNOWLEDGE

COMPULSORY

Time Allowed - 3 Hours

Maximum Marks-200

INSTRUCTIONS

Read each of the following instructions carefully before attempting the paper.

- i) *Attempt Any five questions*
- ii) *All questions are of equal marks*
- iii) *Different questions have different number of sub-parts.*
- iv) *The number of marks for sub-part of a question is indicated at its end.*
- v) *If you encounter any typographically error, please read it as it appears in the text book.*
- vi) *Answers should be precise and coherent.*
- vii) *Attempts of questions shall be counted in sequential order unless struck off.*
- viii) *Partly attempted question/s shall be counted.*
- ix) *Candidate are in their own interest advised to go through the instructions given on the title page of the questions-cum-answer booklet for strict adherence.*
- x) *Note carefully wherever the word limit is specified for questions.*
- xi) *Any page or portion of the page left blank in the question-cum-answer booklet must be clearly struck off by putting a cross (×)*
- xii) *Answers must be written in ENGLISH only.*

2(ROS)0-GK /2020

(1)

[Turn Over

Note: Answers of the following questions should be around the word limit fixed for each.

1. a) How does the formation of national park help ecological restoration and conservation? Explain with suitable examples (200 words) (20)
- b) Write short notes on any four of the following in 50 words each. (4×5=20)
 - i) The gravity model
 - ii) Farm forestry
 - iii) Biosphere reserve
 - iv) Acid rain
 - v) Interstate water disputes
 - vi) Impact of social media
 - vii) Jobless growth in India
2. a) Differentiate: (100 words each) (2×10=20)
 - i) Latitude and Longitude
 - ii) Rural marketing centers and urban marketing centers.
- b) Define vaccine and explain briefly various types of vaccines used by human beings against different diseases. (150 words) (10)
- c) What is GIS (Geographical Information System)? Outline its uses in different fields. (150 words) (10)
3. a) Identify the major biosphere reserves of India and discuss their role in the conservation of forests and wild life. (200 words) (20)
- b) Write short note on the following in 100 words each (2×5=10)
 - i) Zonal and Azonal soils.
 - ii) Savanna.
- c) Explain the impact of COVID-19 pandemic on Indian economy. (150 words) (10)

4. a) "Beti Bachao Beti Padhao" Scheme launched by Govt of India has improved "the status of girls in India". Comment. (200 words) (20)
- b) "Famine to a considerable extent is a man-made hazard". Elaborate.(100words) (10)
- c) Write short note on the following in **50 words each:** (2×5=10)
- i) Monetary policy.
- ii) Atal tunnel.
5. a) What is Genome sequencing? Critically analyze its usefulness in agriculture. (200 words) (20)
- b) "India will soon run out of water; extremely high crisis". Discuss the various steps needed to tackle the water crisis. (200 words) (20)
6. a) Write short notes on the following in **50 words:** (4×5=20)
- i) Soil Health Card
- ii) International year of Fruits and Vegetables
- iii) Ecosystem and Food Chain
- iv) RNA sequencing
- b) Write short notes on the following in **50 words:** (4×5=20)
- i) Cyclone Amphan
- ii) New Development Bank
- iii) Galvan Valley
- iv) Baglihar Dam
7. a) Write short notes on the following in **50 words:** (2×5=10)
- i) Momentum for change: Climate Neutral Now
- ii) Nano fertilizers
- b) What is IPCC and its role in controlling climate change? (200 words) (20)
- c) Write short notes on the following in **50 words :** (2×5=10)
- i) Alchemy
- ii) Pardhan Mantri Kisan Samman Nidhi Yojna

8. a) Discuss the following in **50 words** each: (2×5=10)
- i) Lapidist
 - ii) Virotherapy
- b) Discuss the following in **50 words** each: (4×5=20)
- i) Black hole theory
 - ii) Inter-tropical convergence Zone
 - iii) Shiwalik Hills
 - iv) Butte
- c) Write short notes on the following in **50 words**: (2×5=10)
- i) Prof. K Vijaya Raghvan
 - ii) *Prosopis Juliflora*