

## [UPSSSC Forest Guard / Wild Life Guard Syllabus]

Examination of written examination for selection on vacant posts of forest guard and wildlife guard for direct recruitment.  
Planning and Curriculum

- There will be one question paper in the examination in question, in which there will be a total of 100 questions and the time duration will be two hours. The questions of the examination will be objective and multiple choice type. Each question will be of one mark. There is a provision of negative marking for each wrong answer in the written examination, which will be 25 percent i.e.  $\frac{1}{4}$  of the marks assigned to that question.

### Examination Plan

The parts, subjects, number of questions, total marks and time duration of the examination are as per the details given below.

Part	Subject	No. of Question	Total Marks	Time Period
Part-1	Subject Related Knowledge	50	50	120 Minute (02 Hour)
Part-2	Elementary Mathematics and Biology	15	15	
Part-3	Knowledge of concepts of Computer and Information Technology and contemporary technological developments and innovations in this field.	15	15	
Part-4	General Information Related to Uttar Pradesh State	20	20	
<b>योग</b>		<b>100</b>	<b>100</b>	

**Note-** There is a provision of negative marking for each wrong answer in the above examination, which will be 25 percent i.e.  $\frac{1}{4}$  of the marks assigned for that question.

### [Syllabus]

#### [Part 1]

#### (Subject Related Knowledge)

1. National Parks and Bird Sanctuary
2. Reserve Forests and Protected Forests
3. Elephant and Tiger Reserves
4. Our Environment and Ecological Balance (Ecosystem and its components, food chains and webs, ozone layer and its depletion, waste management)
5. Climate Change and Climate Conservation
6. Soil and Moisture Conservation
7. Afforestation and Agroforestry
8. Challenges and Prevention of Forest Disasters
9. Forest Produce
10. Human-Wildlife Conflict
11. Forest Environment and its Benefits
12. Forest and Wildlife Conservation
13. Contribution of forests in Indian economy
14. Forest ecology
15. Indian agricultural system and crop rotation.

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## [Part 2]

### (Elementary level mathematics and biology)

- **Mathematics-** Percentage, profit-loss, simple interest, average, real numbers, least common multiple and greatest common multiple, area and perimeter of basic geometric shapes, mean, median and mode of grouped data.
- **Biology-** Biological processes (nutrition, respiration, transport, excretion), control and coordination (animal nervous system, human brain, coordination in plants, hormones in animals), reproduction (method of reproduction in single organisms, sexual reproduction in humans, flowers) In sexual reproduction), heredity.

## [Part-3]

### (Knowledge of concepts of computer and information technology and contemporary technological development and innovation in this field)

- History, introduction and applications of computer, information technology, Internet and World Wide Web (WWW)
- General knowledge regarding the following points
  1. Hardware and Software
  2. Input and Output
  3. Internet Protocol/IP Address
  4. IT gadgets and their applications
  5. Creation of e-mail ID and use/operation of e-mail
  6. Operation of printer, tablet and mobile
  7. Important elements of Word Processing (MS-word) and Excel Processing (MS-Excel)
  8. Operating System, Social Networking, E-Governance
- Digital Financial Tools and Applications
- Future Skills and Cyber Security
- Technological developments and innovations in the field of computer and information technology (Artificial Intelligence, Big Data Processing, Deep Learning, Machine Learning, Internet of Things) and India's achievements in this field etc.

## [Part-4]

### (General information related to the state of Uttar Pradesh)

- From this part of the question paper, candidates will be asked about the history, culture, art, architecture, festivals, folk dances, literature, regional languages, heritage, social customs and tourism, geographical landscape and environment, natural resources, climate, soil, etc. of Uttar Pradesh. Questions will be asked based on Forest, Wildlife, Mines and Minerals, Economy, Agriculture, Industry, Business and Employment, Polity and Administration and current events and achievements of the state of Uttar Pradesh in various fields etc.