

**M.Sc. WILDLIFE CONSERVATION**  
**Second Semester**  
**LANDSCAPE PLANNING & ASSESSMENT**  
**(MWS - 202)**

**Duration: 3Hrs.**

**Full Marks: 70**

Part-A (Objective) =20  
Part-B (Descriptive) =50

**(PART-B: Descriptive)**

**Duration: 2 hrs. 40 mins.**

**Marks: 50**

**Answer any four from Question no. 2 to 8**  
**Question no. 1 is compulsory.**

1. Define EIA. Write details about the principles of EIA. Also brief details about the scope and purpose of EIA programme. (1+3+6=10)
2. Why an EIA is required before implementing the projects of Resettlement & Rehabilitation and Oil & Natural Gas drilling? (5+5=10)
3. What are the benefits of EIA? Write in detail about the procedure of conducting EIA in India. (4+6=10)
4. What do you mean by EMS? Why an EMS is required? Write the component of ISO 14000. (2+2+6=10)
5. State the process of EIA clearance related to environment and forest issues for the developmental projects. (5+5=10)
6. What is GPS? State the components of GPS and write a brief note on them. Name any two GPS satellites. (2+6+2=10)
7. What is GIS? Write a note on the use of GIS in various aspects of Wildlife and other sciences. (2+8=10)
8. What are the types of code on the carrier signal in a GPS satellite system? Discuss in brief. (10)

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**Duration: 20 minutes**

**Marks – 20**

**(PART A - Objective Type)**

**I. Choose the correct answer:**

**1×20=20**

1. EIA notification was framed under–  
(a) The Wild Life (Protection) Act, 1972.  
(b) The Environment (Protection) Rule, 1986.  
(c) Both  
(d) None
2. The concept of EIA is based on–  
(a) Development without sustainability (b) Sustainable development  
(c) Both (d) None
3. How many members are there in a State Level EIA Authority?  
(a) Three (b) Four (c) Five (d) None
4. EIA is required–  
(a) Before project implementation (b) After project implementation  
(c) Both (d) None
5. Which category of the project does not require public consultation?  
(a) Project-A (b) Project-B1  
(c) Project-B (d) None
6. EIA procedure is based on–  
(a) Formalised procedure (b) Un-formalised procedure  
(c) Both (d) None
7. In which year, the EIA notification was published?  
(a) 2005 (b) 2006 (c) 2007 (d) None
8. EIA for Mining of minerals is categorized as–  
(a) Project-A (b) Project-B  
(c) Both (d) None
9. What an EIA can do?  
(a) Modify a project (b) Improve design  
(c) Both (d) None

10. Which of the following is considered as the first stage of EIA process?  
(a) Screening (b) Scoping  
(c) Impact analysis (d) None
11. In EIA, all the projects related to nuclear are categorized as–  
(a) Project-A (b) Project-B  
(c) Both (d) None
12. EIA is a formalised procedure of planned activities for–  
(a) Examination (b) Analysis  
(c) Assessment (d) All
13. EIA vary in–  
(a) Type and nature (b) Duration  
(c) Both (d) None
14. In EIA, all the river valley projects are categorized as–  
(a) Project-A (b) Project-B  
(c) Both (d) None
15. Arc GIS is–  
(a) Hardware (b) Software  
(c) Both (d) None
16. Point, line, polygon are types of–  
(a) Raster (b) Vector  
(c) Both (d) None
17. P code is used for –  
(a) Precise positioning service (b) Positioning service  
(c) Elevation (d) All of these
18. In which year, the US Military first used the GPS?  
(a) 1978 (b) 1979 (c) 1988 (d) None
19. Satellite Images are in–  
(a) Raster data format (b) Vector data format  
(c) Both (d) None
20. What is way point?  
(a) Fixed location (b) Fixed latitude  
(c) Fixed longitude (d) All

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