



Seat No. \_\_\_\_\_

**HAG-161001010505**

**B. Arch. (Sem. V) Examination**

**May - 2023**

**Environmental Science & Services - III  
(Landscape)**

**Time : 2 / Total Marks : 50**

**Instructions :**

1. Question 1 is compulsory to answer.
2. Understand the question asked and maximum marks for it and then answer accordingly.
3. Draw apt diagrams or drawings as you deem appropriate for any of the questions.
4. DO attach (staple) with your answer book(s) this question paper's page numbers 2 for question number 3 given as p 'separate page or on the back of this side.

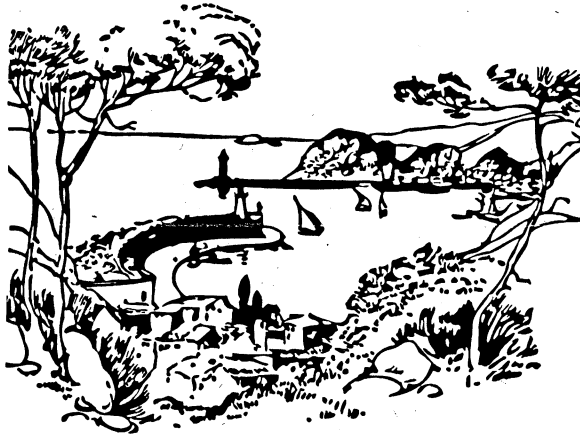
- 1** (A) Whether and, how experiential quality of a site is important **15**  
for an architect?
- (B) In what ways an architect learns from a site visit help her/him design a building and its site better. According to you, mention one good example of a building and site design (together) that represents this better.
- 2** Write brief notes on these words / terms (any FIVE): **15**  
(A) "Site", (B) Contour, (C) Affordance, (D) Watershed, (E) Water Spreading Slopes, (F) "Landscaping" (G). One very important site visit protocol, (H) Sensory experience.

**OR**

- 2** Using the image below; respond to on this page, the following **15**  
four items :
- (A) List Human made elements (minimum five),  
(B) List Nature made elements (minimum five);

- (C) Show where will you locate a bench for one person, two persons, and more than ten persons and why?
- (D) Render this drawing in pencil colours and, suggest an apt name for this place.

**IMPORTANT:** Write your exam / roll number on this page and DO attach this page with your answer book :



Source: <https://www.pincliptart.com/maxpin/iihimbi/>

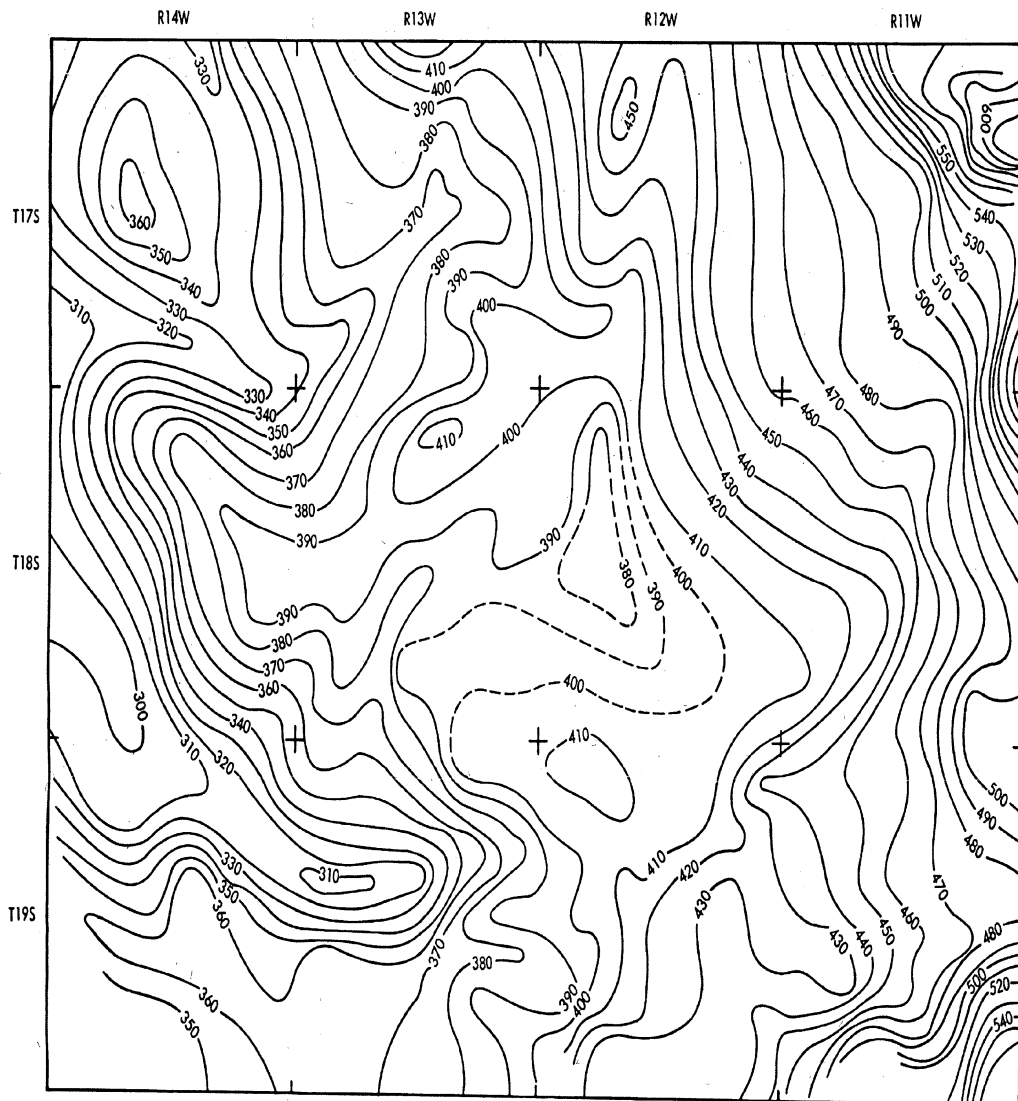
- 3 (A) In what different ways a coloured Google Earth image can be useful to an architect? What do shades of greens and sepias (browns) represent and how can these be useful in making good site planning decisions?
- (B) What are Landform Land Cover, and Land Use? How can a Google Earth image help us identify these features?

**OR**

- 3 On this page, answer and/or draw the following questions **20**  
using the contour plan given below :
- (A) What is the contour interval of the contour plan given below? **2**
- (B) Distinctly show and label (as needed) (i) HPs and LPs, **10**  
(ii) Major Ridges and Channels, (iii) Elevation belts of 150 meters for lower most elevations and higher most elevations, (iv) West facing aspects (assume North on the top), (v) Areas with the steepest slopes, (vi) water gathering slopes along one of the channels.
- (C) Show and label areas / with high and low suitability for **4**  
human activities / development. Give your reasons for choosing these areas.

(D) What major lesson did you learn as an architect?

4



Source: <http://salsocratic.org/1questions/1how-do-contour-lines-show-hills-and-depressions> Not to Scale,

IMPORTANT: Write your exam / roll number on this page and DO attach this page, with your answer book before leaving the exam room.