

Team No. \_\_\_\_\_  
CENTRE \_\_\_\_\_  
Note: Spelling of the names as written  
will appear on the certificate

NAME OF THE SCHOOL \_\_\_\_\_  
TEAM NAMES (1) \_\_\_\_\_  
(IN CAPS) (2) \_\_\_\_\_  
(3) \_\_\_\_\_

## INCA NATIONAL MAP QUIZ-2008

(4<sup>th</sup> October, 2008)

Time: 90 Minutes( from 11.0A.M to 12.30)

Total Marks : 90

Note: i) All questions are to be answered in all sections  
ii) Each question carry 2 marks

### **SECTION-A(Refer to Topo Map enclosed)**

#### **Fill in the Blanks**

**Marks 40**

1. What is the sheet number in which BHAWANIPUR falls \_\_\_\_\_
2. The communication details of this sheet are updated during \_\_\_\_\_.
3. Leprosy Hospital is situated in \_\_\_\_\_ village
4. TOKURU is connected by \_\_\_\_\_ gauge railway line
5. The distance between TPRS and Bus stand is \_\_\_\_\_ km
6. Kolkata is \_\_\_\_\_ km away from the road bridge on RISHIKULYA River
7. The longitude passing through BHAWANIPUR is \_\_\_\_\_
8. The height of the highest point in the map is \_\_\_\_\_.
9. Number of perennial tanks in the map are \_\_\_\_\_
10. The Maximum height of a tank bund in the map is \_\_\_\_\_
11. PF stands for \_\_\_\_\_
12. The PTO in the map refer to \_\_\_\_\_
13. The interval between thick contours is \_\_\_\_\_ .
14. Contour interval on this sheet is \_\_\_\_\_ metres
15. Hachure along the tank represent \_\_\_\_\_
16. The height of the hospital in Kalinganagar is \_\_\_\_\_
17. BHAWANIPUR falls in the district of \_\_\_\_\_
18. TO on the map refer to \_\_\_\_\_
19. Steamer service is available to cross RUSHIKULYA River( True/False) \_\_\_\_\_
20. Sea shore near Bhavanipur consists of \_\_\_\_\_ ( mud/ mangrove / sandy)

Contd.....2

**SECTION - B ( CARTOGRAPHY ,GIS,GENERAL KNOWLEDGE & GEOGRAPHY)**

(Each question carry one mark)

Marks :35

1. Cadastral Maps are rtography deals with   
a) Small Scale Maps b) Medium Scale Maps c) Large Scale Maps d) Topographical Maps
2. When different objects are shown on the map by various colours the map is known as   
a) Chorochromatic b) Choroschematic c) Choropleth d) Isopleth map
3. Quarter inch Map means   
a) Scale of one inch to 4 miles b) 1: 253,440 c) both a and b d) 2 inch to 4 miles
4. Measurement of area on the map is done with help of   
a) Clinometer b) Altimeter c) Planimeter d) Hypsometre
5. Contour interval on 1:250,000-scale topographical map is   
a) 10 metres b) 20 metres c) 50 metres d) 100 metres
6. GPS is used in   
a) Location of a place b) Altitude c) Navigation d) Non of these

**Expand the following Abbreviations**

7. IIRS
8. PSLV
9. SAR
10. GPS
11. EROS
12. Which of the following is matched wrongly ?  
i)  $23\frac{1}{2}^{\circ}$  N Latitude –Tropic of Cancer      ii)  $66\frac{1}{2}^{\circ}$  S Latitude –Tropic of Capricorn  
iii)  $23\frac{1}{2}^{\circ}$  S Latitude –Arctic Circle      iv)  $66\frac{1}{2}^{\circ}$  N Latitude –Antarctic Circle
13. The Tropic of Cancer does not pass through  
a) India      b) Egypt      c) Mexico      d) Iran
14. Which rocks could be formed by deposits of animal shells and skeletons ?  
a) Sandstone      b) Limestone      c) Quartz      d) Basalt

Contd.....3

**SECTION-C ( REMOTE SENSING )**

**Place the alphabet of correct answer in box**

1. Removing geometric distortion from a remotely sensed data is called   
a) Orientation b) Aerial Triangulation c) Rectification
2. An image collected in the broad visual wavelength range but rendered in black and white is called   
a) Panchromatic b) Radiometric c) Multi Spectral
3. The near real time stereo mission from Indian Remote Sensing Programme is   
a) IRS ID b) Resouresat c) Cartosat –I d) Cartosat – II
4. The radiometric resolution of a satellite data is given as 7 bits. Then it will have how many digital counts ?   
a) 14 b) 128 c) 128 d) 09
5. You are requested to select satellite data for climatic studies. Which of the following characteristics of the sensor will be critical ?   
a) Temporal b) Radiometric c) Spatial d) Spectral

**SECTION-D ( GENERAL KNOWLEDGE )**

**Place the alphabet of correct answer in box**

1. Palk Strait separate India from   
a) Pakistan b) China c) Andaman Island d) Srilanka
2. The territorial water of India extend up to   
a) 5 nautical miles b) 12 nautical miles c) 15 nautical miles  
d) 2 nautical miles
3. The Indian states that have common borders with Pakistan are :   
a) Gujarat, Himachal Pradesh, Haryana and Jammu& Kashmir  
b) Gujarat, Jammu& Kashmir, Punjab and Rajasthan  
c) Jammu& Kashmir , Haryana , Rajasthan and Punjab  
d) Jammu& Kashmir , Himachal Pradesh , Punjab and Rajasthan
4. The Southern most point of India Territory is in   
a) Tamil Nadu b) Lakshadweep c) Trivandrum d) Andaman And Nicobar Islands

Contd.....4

5. Which of the following mountains are the oldest according to geological history ?  
a) Nilgiri b) Sapura Range c) Vindhya d) Aravalli
6. The minimum forest cover necessary to maintain ecological balance is  
a) 50% of the total land area b) 40% of the total land area  
c) 33% of the total land area d) 25% of the total land area
7. Which one of the following is not an igneous rock ?  
a) Granite b) Quartz c) Feldspar d) Slate
8. Which of the following is an example of a small-scale map  
a) Atlas Map b) City Map d) Wall Map d) Topographic Map
9. When different objects are shown on the map by various colours the map is known as  
a) Chorochromatic b) Choroschematic c) Choropleth d) Isopleth map
10. Measurement of area on the map is done with help of  
a) Clinometer b) Altimeter c) Planimeter d) Hypsometre