

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-2007

(14<sup>th</sup> October, 2007)

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**

1. Sheet No falling East of this map is \_\_\_\_\_
2. The given Topo sheet falls Under \_\_\_\_\_ district of \_\_\_\_\_ State.
3. The latitude and longitude of T.P.RS is \_\_\_\_\_ and \_\_\_\_\_
4. The information given in the map is up to the year \_\_\_\_\_
5. The height of Himadri Reservoir dam is \_\_\_\_\_
6. Name of the Thasil/ Taluk covering the sheet is \_\_\_\_\_
7. What is the time required to reach RT X Road from T P RS along National Highway 205 using a bike with speed 30 km/hr \_\_\_\_ hours \_\_\_\_ minutes.
8. The relative height of Aku Cheruvu bund is \_\_\_\_\_
9. BM( Bench Mark) refer to \_\_\_\_\_
10. The height of Alwar Tirtham is \_\_\_\_\_
11. The present status of vegetation in East Banagiri Reserved Forest is \_\_\_\_\_ where as in West Banagiri Reserved Forest is \_\_\_\_\_
12. The river Prachi flows from \_\_\_\_\_ to \_\_\_\_\_ direction.
13. Black dots in the tank indicate \_\_\_\_\_
14. National Highway No.205 is connecting the distant places \_\_\_\_\_, \_\_\_\_\_
15. You have plan to reach Galigopuram from Alipur gate on foot. Find how many metres height you have to climb \_\_\_\_\_
16. The symbol of unlined well is \_\_\_\_\_
17. You are in the village Kalam on NH. The nearest place with medical facility is \_\_\_\_\_
18. Name of the railway passing through Bhawanipur is \_\_\_\_\_
19. Sri Venkateswar Univercity falls under the police limit of \_\_\_\_\_
20. Registration No. of this map is No. \_\_\_\_\_

Contd.....2

**SECTION - B ( CARTOGRAPHY & GEOGRAPHY)**

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

1. Cartography deals with   
a) Satellite Imagery b) Maps c) Photographs
2. Isohyets are lines connecting places with equal   
a) Temperature b) Pressure c) Contours d) rainfall
3. The outermost layer of Earth is   
a) Core b) mantle c) Crust
4. The shortest distance between any two points on the surface of the globe is along   
a) Latitude b) Longitude c) Great Circle
5. A Plateau comprising   
a) Steep slope with rough surface b) Steep slope with flat top  
c) Hill with projected top
6. The position of the Earth from the sun in the solar system is   
a) 2<sup>nd</sup> b) 3<sup>rd</sup> c) 4<sup>th</sup> d) 5<sup>th</sup>
7. A narrow creek of land that connects two larger land masses is called   
a) Isthmus b) Peninsula c) Cape d) Strait
8. Which one of the following is not correctly matched ?   
a) Ankara - Turkey b) Havana - Cuba c) Accra – Ghana  
d) Munchi – Switzerland
9. An oasis is   
a) Farmland of Australia b) Another name of depression in deserts  
c) A small area of Greenery of water in desert  
d) The name of an environmental organization
10. The main source of moisture in deserts is  
a) Advection fog b) Radiation c) Drizzle d) Cloud burst

**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& Kasmir  
b) Gujarat, Jammu& Kasmir, Punjab and Rajastan  
c) Jammu& Kasmir , Haryana , Rajastan and Punjab  
d) Jammu& Kasmir , Himachal Pradesh , Punjab and Rajastan
4. The Southern most point of India Territory is in
- a) Tamil Nadu b) Lakshadweep c) Trivandrum d) Andaman And Nicobar Islands

