

INDIAN NATIONAL CARTOGRAPHIC ASSOCIATION (INCA)
NATIONAL MAP QUIZ – 2018

Time 2:00Hrs

Marks : 100

	(1)	(2)	(3)
Name of the Student			
Name of School			
INCA Branch		Invigilator's Signature	

Marks Obtained	Section A:	Section B:	Section C:	Total Marks:

Instructions:

- There are a total of 100 questions in this paper divided into 3 (Three) Sections (Section A = 60 marks; Section B = 30 marks and Section C = 10 marks)
- All questions carry equal marks.
- There is no negative marking.
- Use Blue/Black pen preferably.

SECTION – A

- Which of the following channel separates Adaman and Nicobar Islands?
 - 10 Degree
 - 8 Degree
 - 49 Degree
 - 11 Degree
- Pokhran nuclear test site is situated in which of the following states.
 - Tamil Nadu
 - Kerala
 - Rajasthan
 - Gujarat
- Dr. A.P.J. Abdul Kalam island is situated in
 - Arabian sea
 - Indian Ocean
 - Bay of Bengal
 - None of the above
- Which city is known as the "Silicon valley of India".
 - Coimbatore
 - Bangalore
 - Ahemdabad
 - Mumbai
- Which city is called the " Brass city of India".
 - Mumbai
 - Varanasi

6. Which river is called the "Sorrow of Bihar"?

- A. Gandak B. ~~Koshi~~
C. Pun Pun D. Musi

7. The great Victoria Desert is located in

- A. Canada B. ~~Australia~~
C. North America D. West Africa

8. "The Land of the morning Calm" is

- A. Japan B. Malaysia
C. Indonesia D. ~~Korea~~

9. White coal refers to

- A. ~~Hydroelectricity~~ B. Petroleum
C. Uranium D. Coal

10. Which of the following city is smallest in terms of area

- A. ~~Vatican city~~ B. Monaco
C. Nauru D. San Marino

11. Which of the following is the major source for electricity production in India?

- A. ~~Fossil Fuel~~ B. Nuclear energy
C. Solar energy D. Wind energy

12. Which state doesn't possess any port in India?

- A. Orissa B. Maharashtra
C. Tamil Nadu D. ~~Jharkhand~~

13. Chabahar Port is situated in which of the country

- A. India B. Pakistan
C. China D. ~~Iran~~

14. Gwadar Port is situated in

- A. ~~Arabian sea~~ B. Bay of Bengal
C. South China Sea D. None of the above

24. Which of the following state has the maximum forest cover in terms of area?
A. Madhya Pradesh B. Chhattisgarh
C. Arunachal Pradesh D. Goa
25. Which of the following neighbouring country has the min international boundary with India?
A. Bhutan B. Nepal
C. Afghanistan D. Srilanka
26. Which of the following river flow in West direction in India ?
A. Narmada B. Krishna
C. Ganga D. Brahmaputra
27. What is the name of highest peak in India ?
A. Mount Everest B. Nanda devi
C. Kanchenjunga D. Mount K-2
28. The India's Highest Dam is
A. NagarjunaSagar Dam B. Mettur Dam
C. Ukai Dam D. Tehri Dam
29. Which is the Shortest NH road in India?
A. 47A B. 7
C. 47 D. 3
30. World's largest river in terms of carrying capacity of water is
A. Nile B. Amazon
C. Mississippi D. Yangtze
31. The Yarlung Zangbo river in India is known as
A. Ganga B. Indus
C. Brahmaputra D. Mahanadi
32. Which of the river doesn't originate in India ?
A. Ganga B. Brahmaputra
C. Narmada D. Krishna

33. Which of the following is the smallest Indian union territory in term of area?

- A. Chandigarh B. Daman & Diu
C. Andaman & Nicobar Islands D. Lakshadweep

34. Indian's research station " Maitri" is located in

- A. Antarctica B. Arctic
C. Middle Asia D. None of the above

35. What is the abbreviation for IRNSS?

- A. Indian Regional National Satellite System
B. Indian Remote National Satellite System
C. Indian Regional Navigation Satellite System
D. Indian Remote Navigation Satellite System

36. " The Radcliffe" line is a international boundary between ...

- A. India- Pakistan B. India- China
C. India- Bhutan D. India- Bangladesh

37. Consider the following statements:

The 760 km long konkan railways passes through the following states.

- I. Kerala
II. Karnataka
III. Goa
IV. Maharashtra

Choose the correct code:

- A. I,II,III and IV B. II , III & IV
C. I and II D. I,II and III

38. Which of the following States of India have a common border with Buthan.

- A. Assam, Arunachal Pradesh, Sikkim, West Bengal
B. Nagaland, Arunachal Pradesh, Sikkim, Manipur
C. Sikkim, Manipur, Mizoram, Tripura
D. Tripura, Sikkim, Nagaland, Meghalaya

39. Identify the matched pair Mine State.

- A. Jharia - Orissa
 B. Raniganj – West Bengal
 C. Singareni - Andhra Pradesh
 D. Korba – Madhya Pradesh

40. Which Indian State is known as the land of five rivers.

- A. Uttar Pradesh
 B. Punjab
 C. Haryana
 D. Gujarat

41. Which of the following lines passes through India

1. Tropic of Cancer
2. Equator
3. Tropic of Capricorn
4. Arctic Circle

The correct order is:

- A. 1&2 only
 B. 1,2 & 3 Only
 C. 1 only
 D. 1 & 3 only

42. The southernmost point of peninsular India, that is Kanyakumari, is

- A. North of tropic of cancer
 B. South of Equator
 C. South of Capricorn
 D. North of the Equator

43. The pass located at the southern end of the Nilgiri Hill in South India is called

- A. Palghat gap
 B. The Borghat pass
 C. The Thalghat pass
 D. The bolanghat pass

44. Which of the following UT of India has the highest density of population per sq. Km?

- A. Pondicherry
 B. Lakshadweep
 C. Delhi
 D. Chandigarh

45. The Contour lines show

- A. Same height from the sea level
 B. Place of equal rainfall
 C. Equal salinity of sea water
 D. Place of equal temperature

46. International Date Line lies on.

- A. Greenwich Meridian
 B. 90 degree East Meridian

47. What does AM and PM stands for.
- A. Ante-Meridian and Post Meridian
B. Ante Meridiam and Post Meridiam
C. Anti – Meridian and Pre Meridian
D. None of the above
48. Federal Reserve bank is the central bank of
- A. USA
B. France
C. India
D. Srilanka
49. The region around South Pole is.....
- A. Arctic
B. Antarctic
C. Equator
D. Capricorn
50. Which one of the following coined the term “Geography” ?
- A. Herodotus
B. Galileo
C. Eratosthenes
D. Aristotle
51. Which among the following is the southernmost hill in south India ?
- A. Cardamom hills
B. Anaimalai Hills
C. Nilgiri Hills
D. Javacli Hills
52. The planet that takes the highest time for completing a rotation is .
- A. Mercury
B. Venus
C. Earth
D. Pluto
53. The rock formations that cannot store groundwater are called .
- A. Aquifer
B. Aquicludes
C. Perched aquifer
D. Spring
54. The Lowest point, in the world is
- A. Death valley, USA
B. Caspian sea, Russia
C. Dead sea, Jordan/Israel
D. Lake Eyre, Australia

55 . The low latitude Zone of globe extends between .

- A. Tropic of Capricorn and Cancer
- B. North pole to South pole
- C. Tropic of Capricorn and equator
- D. Equator and Tropic of Cancer

56 . When it is 11 hour (IST) at Allahabad in India, the time at Greenwich London will be

- A. Midnight GMT
- C. 5 : 30 hours
- B. 14 : 30 hours
- D. 4 : 30 hours

57 . The head quarter of South East Central Railway (SECR) railway zone is

- A. Kanpur
- B. Nagpur
- C. Bilaspur
- D. Ratlam

58 . Which of the following States has the Shortest coast line?

- A. Goa
- B. Gujarat
- C. Andhra Pradesh
- D. Kerala

59 . Match List- I with List-II(Location)

List-I(Nuclear Power Project)

- A. Tarapur
- B. Kalpakkam
- C. Narora
- D. Kaiga

List-II(States)

- 1. Karnataka
- 2. Maharashtra
- 3. Tamil Nadu
- 4. Uttar Pradesh

(I) A2,B3,C4,D1

(II) A3,B4,C1,D2

(III) A1,B4,C3,D2

(IV) A2,B3,C1,D4

60 . Reserve Bank of India (RBI) headquarter is situated in

- A. Mumbai
- B. Delhi
- C. Pune
- D. Hyderabad

SECTION - B

Answer the following questions with reference to the map Sheet Number C43K11.

1. How many tanks are shown in C2 BLOCK 2
2. In which UTM zone number this Map falls 43
3. What is the maximum relative height in the map 308
4. To represent which feature in this map, yellow colour is used Cultivation
5. What is the contour interval in the map 20 m
6. What is the average height of CHENNANUR village IN C2 BLOCK 400/460
7. What is the difference between the village NARASIPURAM IN BLOCK A1 and Greenwich in terms of hours and Minutes 5 hr 7 min
8. What is datum and projection of this map WGS 84 , UTM
9. How many MOSQUE are there in the Block F2 3
10. In the given map how many villages have market on monday 2
11. In the given map, how many villages have annual fair in February 2
12. Rearrange the letters D E N S S I Y R A P to form a single word that represents a feature in this map DISPENSARY
13. Name the feature that is represented in Small Square filled in red colour HUT
14. In the given map how many blocks contain the surveyed trees 15
15. What is the approximate coordinate (latitude and longitude) rounded to 10 sec at the ^(upto 10sec allow) Junction point of NH 209 and NH 47 in block F2 76° 59' 08" , 10° 55' 03"
16. What is the shortest distance in kms from equator to ADHIYUR village in block E6 1193 Km (± 10km allow)
17. The highest contour value in the map is 1240 m
18. The square filled with red colour above the diagonal and blue colour below the diagonal depicts Police Station in the Map.
19. The number of blocks which contain forest area 14
20. What is the total number of post offices in BLOCK F1 8 or 9
21. In case of any domestic animal falls ill in SEMMEDU village (BLOCK A2), which veterinary Dispensary shall be the nearest for the people to go IRUTTU PPALLAM

IRIITTUDDALLAM

22. Name the feature that is represented in small triangles that are filled with blue colour Tube well
23. What is the total number of Police stations in map 12
24. What is the approximate area of this map in Sq. kms rounded to 10 770 Sq Km
25. How many times 200 contours crosses national highway 47 1
26. With the information available in this map (BLOCK F2) find out the road distance in kms between ERODE SALEM and MALAMACHCHAMPATTI 162.2 Km ($\pm 1/2$ Km allow)
27. Find the length of the railway line in the map which connects MADUKKARAI RS and ETTIMADAI RS in kms 5 Km (app)
28. What is the magnetic variation of this sheet from true north? 2 1/4 west in 2005
29. Find total number of GOPURM in this map? 6
30. Which block contains a wind mill in this map? A6

SECTION – C

A print of Satellite imagery is given to you. All the questions of section-C are based on this imagery.

Hints: This city will host India's first bullet train soon and is also called the 'Manchester of India'.

1. Identify the city? **Ahmedabad**
2. What is the structure labelled as 'A', which is seen in the satellite image? **Railway station**
3. What is the structure marked as 'B' in the imagery? **Run way strip**
4. Identify the feature marked as 'C' in the imagery? **Canal / siphon / viaduct /
Aqueduct**
5. What is the structure marked as 'D' in the imagery? **Hanger**
6. Identify the manmade feature marked as 'E' in the imagery? **Canal**
7. What is the structure marked as 'F' in the imagery? **Oil tanker**
8. What is the most common feature in this image? **Buildings**
9. Write the name of the River shown in the satellite image? **Sabarmati River**
10. Count the number of bridges crosses the River? **5 bridges .**
