



INTSO EDUCATION

GENERAL KNOWLEDGE TALENT SEARCH OLYMPIAD(GTSO) 2016 - 2017

STAGE - 1

TIME : 60 min.

CLASS : IX

Max. Marks : 50

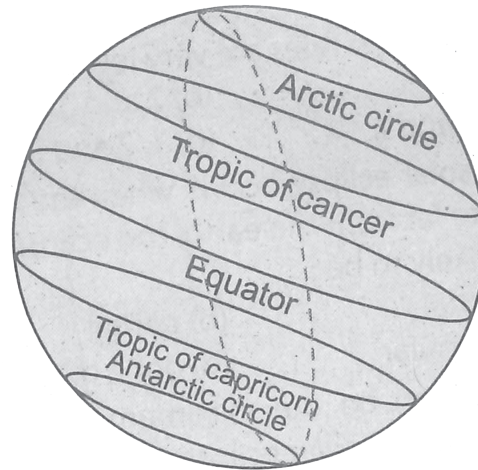
Instructions:

- ⇒ Fill the OMR sheet completely and carefully.
- ⇒ Each question carries one mark and has only one correct answer. No negative marks
- ⇒ The question paper contains 50 questions to be answered in 60 minutes.

1. Which of the following is not true with reference to continental shelf ? []
1) Continental shelf is the border zone between land and sea.
2) Fish wealth is more in continental shelf
3) Rock petroleum, natural gas are found here
4) Building seaport is impossible here.
2. Which kind of winds that blow continuously and regularly above the world pressure belts ?
1) Seasonal 2) Local 3) Planetary 4) Periodic []
3. Which of the following water bodies contains lowest salinity ? []
1) Lake Van 2) Dead Sea 3) Black Sea 4) Baltic Sea
4. Radio waves are reflected back to earth from the []
1) Troposphere 2) Exosphere
3) Stratosphere 4) Thermosphere
5. Match the following. []
i) Tropical Deciduous Forests a) Deer, foxes, wolves
ii) Temperate Deciduous Forests b) Elephants, zebras, deer
iii) Coniferous forests c) Silver fox, mink, polar bear
iv) Tropical Grasslands d) Tigers, lions, elephants
1) i - a, ii - b, iii - c, iv - d 2) i - d, ii - a, iii - c, iv - b
3) i - c, ii - d, iii - b, iv - a 4) i - b, ii - d, iii - a, iv - c
6. Arjuna Award is given for []
1) Exceptional service in emergence 2) Bravery in battle field
3) Out standing performance in sports 4) Exceptional service in slum dwellers
7. When was the first Nobel Prize awarded? []
1) 1891 2) 1899 3) 1901 4) 1905
8. Who among the following was the first Indian the Magsaysay awardee ? []
1) Vinoba Bhave 2) Mother Teresa 3) R. K. Lakshman 4) T. N. Seshan
9. Which of the following got Bharat Ratna who is not a citizen of India? []
1) Obama 2) Billgates 3) Nelson Mandela 4) Mother Teresa
10. Conservative regimes setup in 1815 were []
1) Democratic 2) Autocratic 3) Liberal 4) Socialist
11. Unification of Germany completed with the following wars []
i) War with Denmark ii) War with Austria iii) War with France iv) War with Russia
1) i, ii and iii 2) ii, iii and iv 3) i, ii and iv 4) i, ii, iii and iv

12. Which of the following 19th century Italian figures actively sought to prevent the unification of Italy ? []
 1) Cavour 2) Mazzini 3) Garibaldi 4) Pius IX
13. Which one among the following radiations carries maximum energy? []
 1) Gamma rays 2) X - rays 3) Infrared rays 4) Ultraviolet rays
14. What is a unit of work and energy? []
 1) Joule 2) Kilogram 3) Ampere 4) Meter
15. Second generation of computers consist of which of following? []
 1) Vacuum Tubes 2) Diodes
 3) VLSI Microprocessor 4) Transistors
16. Who drafted a Constitution for India in 1928 ? []
 1) Jawaharlal Nehru 2) Motilal Nehru 3) Gandhi 4) C.R.Das
17. Identify correct statements from the following. []
 i) The Constitution defines power of the legislative houses.
 ii) The Constitution cannot be changed under any circumstances
 iii) Ideas that are in the Preamble are reflected in the design of institutions.
 iv) Laws for the entire country are designed centrally.
 1) i and ii 2) ii and iii 3) i and iii 4) i and iv
18. By which among the following ways , the Constituent Assembly generally arrived at decisions on various provisions of the Constitution ? []
 1) Simple majority 2) Two third majority 3) Consensus 4) Casting vote
19. In the Indian Constitution the word ' Secularism ' means []
 1) The govt. having secular powers
 2) All citizens have right to vote
 3) All citizens having right to equality
 4) All citizens having complete freedom to follow any religion.
20. The Constitution of India was framed by []
 1) British Monarchy 2) British Parliament
 3) Indian Parliament 4) Constituent Assembly
21. Which organ of the UN approves budget? []
 1) Security Council 2) General Assembly
 3) Economic and Social Council 4) Secretariat
22. The headquarters of Red Cross is located at []
 1) Rome 2) New York 3) Geneva 4) Tokyo
23. How many permanent member countries are there in Security Council of UN? []
 1) 5 2) 10 3) 15 4) 20
24. Which of the following are true regarding the crust of the earth ? []
 I) It is the outer thin layer with a total thickness of about 100 km
 II) It forms around 0.5 percent of the earth's volume
 III) The outer covering of the crust is of sedimentary material
 IV) The lower layer of the crust consists of basaltic and ultra-basic rocks
 1) I and II 2) I, II and III 3) I, II and IV 4) I, II, III and IV

25. Study the following diagram and say which of the given statements is not correct regarding it



- 1) It shows the earth's orbital position on 21st June []
- 2) All parallels in the northern hemisphere have days equal to nights
- 3) There is continuous day north of the Arctic Circle
- 4) South of the equator the length of the day decreases with increasing latitude

26. Land masses are heated and cooled much faster than water bodies. Identify the true statements in this regard []

- I) Land gets heated by conduction II) Water has higher specific heat
- III) Only the surface layers of water are heated IV) Water gets heated by convection
- 1) I, II and III 2) II and III 3) I and IV 4) I, II and IV

27. Nights are cooler in the deserts than in the plains because []

- 1) Sand radiates heat more quickly than the earth
- 2) The sky remains clear most of the time
- 3) Sand absorbs heat more quickly than the earth
- 4) None of the above reasons

28. The following pattern of average monthly temperature (°C) chart represents which of the following types of climates ? []

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp	-8	-8	-6	25	35	41	41	34	34	25	14	1

- 1) Mediterranean 2) Savanna 3) Continental 4) Tundra

29. Wood pulp comes from : []

- 1) Equatorial region 2) Temperate region
- 3) Mediterranean region 4) Coniferous forest region

30. Earthquakes and volcanoes occur mostly in []

- 1) Plateau region 2) Deep sea plains
- 3) Coastal region 4) Folded and faulted region

31. Which of the following pairs is correctly matched ? []

- | Islands | — | Volcanoes |
|----------------|---|-------------|
| 1) Sicily | — | Mount Pelee |
| 2) Hawaii | — | Stromboli |
| 3) Java | — | Merapi |
| 4) West Indies | — | Mauna Loa |

39. Match the following : []
- | List - I | | | | List - II | | | |
|-----------------|-----------------------------|----|-----------------------------|------------------|--|--|--|
| i) | Anemometer | a) | High temperatures | | | | |
| ii) | Tachometer | b) | Power of machine | | | | |
| iii) | Pyrometer | c) | Rotation speed | | | | |
| iv) | Dynamometer | d) | Velocity of fluid | | | | |
| | i ii iii iv | | i ii iii iv | | | | |
| 1) | c d b a | 2) | c b d a | | | | |
| 3) | d c a b | 4) | a b d c | | | | |
40. Which of the following are correctly matched ? []
- | | |
|------------------------------------|--|
| 1) Haemoglobin - Transport protein | 2) Myosin and actin - Contractile proteins |
| 3) Collagen proteins - Structural | 4) Gamma globulins - Protective proteins |
41. Match the following : []
- | Agency | | | | Headquarters | | | |
|---------------|--|----|-----------------------------|---------------------|--|--|--|
| i) | United Nations Development Programme (UNDP) | a) | Nairobi | | | | |
| ii) | United Nations Environment Programme (UNEP) | b) | Vienna | | | | |
| iii) | United Nations Industrial Development Organisation (UNIDO) | c) | Berne | | | | |
| iv) | Universal Postal Union (UPU) | d) | New York | | | | |
| | i ii iii iv | | i ii iii iv | | | | |
| 1) | b c d a | 2) | d a b c | | | | |
| 3) | b a d c | 4) | d c b a | | | | |
42. First Bharat Ratna Award, instituted in 1954, was given to []
- | | | | |
|-----------------------|----------------------|------------------|-----------------------|
| a) C. Rajagopalachari | b) Dr. Radhakrishnan | c) Dr. C.V.Raman | d) Dr.M.Visvesvarayya |
| 1) a and b | 2) a, b and c | 3) a, b and d | 4) a, c and d |
43. Ramon Magsaysay Award is named after the former President of []
- | | |
|--------------|------------------------------------|
| 1) Indonesia | 2) Indian Journalist's Association |
| 3) Thailand | 4) Phillippines |
44. Which number system is used by computers to store data and perform calculations. []
- | | | | |
|-----------|----------|------------|----------------|
| 1) binary | 2) octal | 3) decimal | 4) hexadecimal |
|-----------|----------|------------|----------------|
45. The file that is linked with an e-mail and sent to the receiver of the e-mail is referred to as []
- | | | | |
|-------------|--------------|-----------|---------------|
| 1) annexure | 2) appendage | 3) add-on | 4) attachment |
|-------------|--------------|-----------|---------------|
46. What is the India;s position in the 2016-17 Global Competitiveness Index (GCI) ? []
- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 1) 66 th | 2) 47 th | 3) 39 th | 4) 88 th |
|---------------------|---------------------|---------------------|---------------------|
47. Who is the present Union Railway Minister ? []
- | | |
|---------------------|------------------|
| 1) M.Venkaiah Naidu | 2) Suresh Prabhu |
| 3) Dattathreya | 4) Uma Bharathi |
48. What is the venue for 2020 Olympics ? []
- | | | | |
|----------|----------|-------------|-----------|
| 1) Delhi | 2) Tokyo | 3) Djakarta | 4) Sydney |
|----------|----------|-------------|-----------|
49. Which medal was won by P.V.Sindhu in 31st summer Olympics - 2016 ? []
- | | | | |
|-----------------|-----------------|---------------|----------------------|
| 1) Bronze medal | 2) Silver medal | 3) Gold medal | 4) None of the above |
|-----------------|-----------------|---------------|----------------------|
50. Chandranna Bhima Yojana Scheme was launched by A.P CM for the []
- | | |
|----------------------|----------------------------------|
| 1) Teachers | 2) Workers in unorganised sector |
| 3) Railway employees | 4) Doctors in A.P |