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**Senior Secondary School Term II Examination, 2022**

**Marking Scheme – GEOGRAPHY (SUBJECT CODE – 029)**

**( PAPER CODE – 64/5/2 )**

**General Instructions :-**

1. You are aware that evaluation is the most important process in the actual and correct assessment of the candidates. A small mistake in evaluation may lead to serious problems which may affect the future of the candidates, education system and teaching profession. To avoid mistakes, it is requested that before starting evaluation, you must read and understand the spot evaluation guidelines carefully.
2. **“Evaluation policy is a confidential policy as it is related to the confidentiality of the examinations conducted, Evaluation done and several other aspects. Its’ leakage to public in any manner could lead to derailment of the examination system and affect the life and future of millions of candidates. Sharing this policy/document to anyone, publishing in any magazine and printing in News Paper/Website etc may invite action under IPC.”**
3. Evaluation is to be done as per instructions provided in the Marking Scheme. It should not be done according to one’s own interpretation or any other consideration. Marking Scheme should be strictly adhered to and religiously followed. **However, while evaluating, answers which are based on latest information or knowledge and/or are innovative, they may be assessed for their correctness otherwise and marks be awarded to them. In class-X, while evaluating two competency based questions, please try to understand given answer and even if reply is not from marking scheme but correct competency is enumerated by the candidate, marks should be awarded.**
4. The Head-Examiner must go through the first five answer books evaluated by each evaluator on the first day, to ensure that evaluation has been carried out as per the instructions given in the Marking Scheme. The remaining answer books meant for evaluation shall be given only after ensuring that there is no significant variation in the marking of individual evaluators.
5. Evaluators will mark(  $\sqrt{\phantom{x}}$  ) wherever answer is correct. For wrong answer ‘X’ be marked. Evaluators will not put right kind of mark while evaluating which gives an impression that answer is correct and no marks are awarded. **This is most common mistake which evaluators are committing.**
6. If a question has parts, please award marks on the right-hand side for each part. Marks awarded for different parts of the question should then be totaled up and written in the left-hand margin and encircled. This may be followed strictly.
7. If a question does not have any parts, marks must be awarded in the left-hand margin and encircled. This may also be followed strictly.
8. If a student has attempted an extra question, answer of the question deserving more marks should be retained and the other answer scored out.
9. No marks to be deducted for the cumulative effect of an error. It should be penalized only once.

10. A full scale of marks \_\_\_\_\_(example 0-40 marks as given in Question Paper) has to be used. Please do not hesitate to award full marks if the answer deserves it.
11. Every examiner has to necessarily do evaluation work for full working hours i.e. 8 hours every day and evaluate 30 answer books per day in main subjects and 35 answer books per day in other subjects (Details are given in Spot Guidelines). This is in view of the reduced syllabus and number of questions in question paper.
12. Ensure that you do not make the following common types of errors committed by the Examiner in the past:-
- Leaving answer or part thereof unassessed in an answer book.
  - Giving more marks for an answer than assigned to it.
  - Wrong totaling of marks awarded on a reply.
  - Wrong transfer of marks from the inside pages of the answer book to the title page.
  - Wrong question wise totaling on the title page.
  - Wrong totaling of marks of the two columns on the title page.
  - Wrong grand total.
  - Marks in words and figures not tallying.
  - Wrong transfer of marks from the answer book to online award list.
  - Answers marked as correct, but marks not awarded. (Ensure that the right tick mark is correctly and clearly indicated. It should merely be a line. Same is with the X for incorrect answer.)
  - Half or a part of answer marked correct and the rest as wrong, but no marks awarded.
13. While evaluating the answer books if the answer is found to be totally incorrect, it should be marked as cross (X) and awarded zero (0) Marks.
14. Any unassessed portion, non-carrying over of marks to the title page, or totaling error detected by the candidate shall damage the prestige of all the personnel engaged in the evaluation work as also of the Board. Hence, in order to uphold the prestige of all concerned, it is again reiterated that the instructions be followed meticulously and judiciously.
15. The Examiners should acquaint themselves with the guidelines given in the Guidelines for spot Evaluation before starting the actual evaluation.
16. Every Examiner shall also ensure that all the answers are evaluated, marks carried over to the title page, correctly totaled and written in figures and words.
17. The Board permits candidates to obtain photocopy of the Answer Book on request in an RTI application and also separately as a part of the re-evaluation process on payment of the processing charges.

**MARKING SCHEME**  
 Senior Secondary School Examination TERM–II, 2022  
**GEOGRAPHY (Subject Code – 029)**  
**[ Paper Code – 64/5/2 ]**

**Maximum Marks : 35**

Q. No.	EXPECTED ANSWER / VALUE POINTS	Marks	
1.	<p style="text-align: center;"><b>SECTION—A</b>  <b>(VERY SHORT ANSWER TYPE QUESTIONS)</b></p> <p><b>1. Explain the main features of Panama Canal :</b></p> <p>i. It Connects Atlantic Ocean (east) and Pacific Ocean (west)                      ii. It has Six-lock system—different levels of sea                      iii. Shortens distance between New York and San Francisco                      iv. Any other relevant point</p> <p style="text-align: right;"><b>Any two points to be explained</b>  <b>[TB-I, Pg-74–75]</b></p>	2x3=6	
		2x1=2	
2.	<p><b>How have the Border Roads played an important role in India.</b>  <b>Border roads in India :</b></p> <p>i. Strategically important                      ii. Takes snow clearance in high altitude areas                      iii. Helps in developing harmonious relations with neighbouring countries                      iv. Any other relevant point</p> <p style="text-align: right;"><b>Any two points to be explained</b>  <b>[TB-II, Pg- 116 ]</b></p>	2x1=2	
3.	<p><b>Explain any two ways to conserve minerals in India.</b></p> <p>i. By using alternatives                      ii. By using scrap metal                      iii. Reuse wherever possible                      iv. Recycle wherever possible                      v. Export of minerals must be reduced                      vi. Any other relevant point.</p> <p style="text-align: right;"><b>(Any two points to be explained)</b>  <b>[TB-II, Pg-83]</b></p> <p style="text-align: center;"><b>Or</b></p> <p><b>Why should the non-conventional sources of energy be promoted? Explain.</b></p> <p>i. Limited quantity of non-conventional sources of energy</p>	2x1=2	
(a)			
(b)			

	<p>ii. Non-renewability of fossil fuels</p> <p>iii. Non excitable source.</p> <p>iv. Pollution-free and clean source.</p> <p>v. Any other relevant point.</p> <p style="text-align: center;"><b>(Any <i>two</i> points to be explained)</b></p> <p style="text-align: right;"><b>[TB-II, Pg-80]</b></p>		
	<p><b>SECTION—B</b></p> <p><b>(Source Based)</b></p>	3x1=3	
4	<p>Read the given passage carefully and answer the questions that follow : 1</p> <p><b>Roads</b></p> <p>Road transport is the most economical for short distances compared to railways. Freight transport by road is gaining importance because it offers door-to-door service. But unmetalled roads, though simple in construction, are not effective and serviceable for all seasons. During the rainy season these become unmotorable and even the metalled ones are seriously handicapped during heavy rains and floods. In such conditions, the high embankment of rail-tracks and the efficient maintenance of railway transport service, is an effective solution. But the rail kilometrage being small cannot serve the needs of vast and developing countries at a low cost. Roads, therefore, play a vital role in a nation's trade and commerce and for promoting tourism.</p> <p>The quality of the roads varies greatly between developed and developing countries because road construction and maintenance require heavy expenditure. In developed countries good quality roads are universal and provide long-distance links in the form of motorways, autobahns (Germany) and inter-state highways for speedy movement. Lorries, of increasing size and power to carry heavy loads, are common. But unfortunately, the world's road system is not well developed.</p> <p>The world's total motorable road length is only about 15 million km, of which North America accounts for 33 per cent. The highest road density and the highest number of vehicles are registered in this continent compared to Western Europe.</p> <p><b>Attempt all questions :</b></p> <p><b>[TB-I, Pg-67]</b></p> <p>4.1. Why does freight transport by road giving importance?</p> <p style="text-align: center;">Door-to-door service/ Economical for short distance. 1</p>		

	<p>4.2. When do unmetalled roads became ineffective and useless?</p> <p style="text-align: right;">In rainy season 1</p> <p>4.3. Which continent has highest road density.</p> <p style="text-align: right;">North America 1</p>		
	<b>SECTION—C</b> <b>(SHORT ANSWER TYPE QUESTIONS)</b>	3x2=6	
5.	<p><b>“The notion of sustainable development engaged in the wake of general rise in the awareness in India .” Support the statement with examples.</b></p> <p>i. Concern of people about undesirable effects of industrial development  ii. Awareness through Commissions  iii. Publications of ‘Awareness through different’  iv. World Commission on environment  v. Brundtland Report  vi. Any other relevant point</p> <p style="text-align: right;"><b>(Any three points to be explained)</b>  <b>[TB-II, Pg-108]</b></p>	3x1=3	
6. (a)	<p><b>“Television (TV) has emerged as the most effective audio- visual medium in India “. Explain the statement.</b></p> <p>i. News  ii. Programmes related to education  iii. Programme provided for entertainments.  iv. Extension to the backward and remote rural areas also.  v. Any other relevant point</p> <p style="text-align: right;"><b>(Any three points to be explained)</b>  <b>[TB-II, Ch-10, Pg-122]</b></p> <p style="text-align: center;"><b>Or</b></p> <p><b>(b) Konkan railways is the important achievement of the Indian railways. Support the statement.</b></p> <p>i. Built in difficult terrain  ii. Engineering marvel  iii. Crosses a large no. of rivers, canals, streams and bridges  iv. Asia’s largest tunnel lies in the route  v. Any other relevant point</p> <p style="text-align: right;"><b>(Any three points to be explained)</b>  <b>[TB-II, Pg-118]</b></p>	3x1=3	

	<p style="text-align: center;"><b>SECTION—D</b> <b>(LONG ANSWER TYPE QUESTIONS)</b></p>	5x3= 15	
7	<p><b>“ Services occur at many different levels in world .” Examine the statement.</b></p> <p>I. Lower Order services</p> <p>(ii) Higher Order services</p> <p>(iii) Regulated services</p> <p>(iv) Unregulated services :</p> <p>(v) Professional services :</p> <p>(vi) Personal services :</p> <p>(vii) Any other relevant point.</p> <p style="text-align: right;">( Any Five points to be examined )</p> <p style="text-align: right;">[TB-I, Pg-59]</p>	5x1=5	
8. (a)	<p><b>Explain the Causes and consequences of Air Pollution .</b></p> <p>i. Emission of toxic gases</p> <p>ii. Industrialisation—waste disposal</p> <p>iii. Rapid increase of vehicles</p> <p>iv. Combustion of fossil fuels</p> <p>v. Smoky fog</p> <p>vi. Urbanisation</p> <p>vii. Sewage disposal</p> <p>viii. Any other relevant point</p> <p style="text-align: right;">1x3=3</p> <p style="text-align: right;">(Any three points to be explained)</p> <p><b>Consequences of Air Pollution :</b></p> <p>i. Various diseases related to respiratory systems</p> <p>ii. Various diseases related to nervous systems</p> <p>iii. Various diseases related to circulatory systems</p> <p>iv. Acid rains</p> <p>v. Harmful for flora and fauna</p> <p>vi. Any other relevant point</p> <p style="text-align: right;">1x2=2</p> <p style="text-align: right;">(Any two points to be explained)</p> <p style="text-align: right;">[TB-II,Pg-135–136 and 134]</p>		
(b)	Or		

	<p><b>Explain the causes and consequences of water pollution :</b></p> <ol style="list-style-type: none"> <li>Dissolved suspended solids -organic and inorganic</li> <li>Sewage disposal</li> <li>Toxic effluents from industries</li> <li>Use of chemicals in agriculture</li> <li>Any other relevant point</li> </ol> <p><b>(Any three points to be explained)</b> <span style="float: right;">1x3=3</span></p> <p>Consequences of water pollution :</p> <ol style="list-style-type: none"> <li>Water-borne diseases</li> <li>Communicable diseases</li> <li>hortage of water</li> <li>Increase in river water pollution</li> <li>Any other relevant point</li> </ol> <p><b>(Any two points to be explained)</b> <span style="float: right;">1x2=2</span> [TB-II,Pg-134–135]</p>		
9.	<p><b>High technology is the latest generation of manufacturing activities. Examine the statement.</b></p> <ol style="list-style-type: none"> <li>Application of R and D</li> <li>Advanced scientific and engineering character</li> <li>Robotics, on the assembly line computer-aided design (CAD)</li> <li>Plant-lab-buildings and planned business parks for high- tech starts ups.</li> <li>Regionally concentrated, self-sustained</li> <li>Technopolis—San Francisco, Silicon Forest</li> <li>Any other relevant point</li> </ol> <p><b>(Any five points to be explained)</b> <span style="float: right;">[TB-I, Pg-52]</span></p>	5x1=5	
	<p style="text-align: center;"><b>SECTION—E</b></p> <p style="text-align: center;"><b>Map of India (Location and Labelling)</b></p>		

10.

5x1=5

**SECTION E**  
**(MAP BASED QUESTION)**

- 10.** Locate and label the following features in the given outline political map of India (Attempt any 5) : 1×5=5

- |  |   |
|--|---|
| (10.1) Bokaro - Coal mines   | 1 |
| (10.2) Singhbhoom - Copper mines   | 1 |
| (10.3) Jamnagar - Oil refinery   | 1 |
| (10.4) Bailadila - Iron-ore mines  | 1 |
| (10.5) The northern most metropolitan city connected with Golden Quadrilateral | 1 |
| (10.6) The eastern terminal station of East-West corridor                      | 1 |

**NOTE : THE FOLLOWING QUESTIONS ARE FOR THE VISUALLY IMPAIRED CANDIDATES IN LIEU OF Q. NO. 10** (Attempt any 5) : 1×5=5

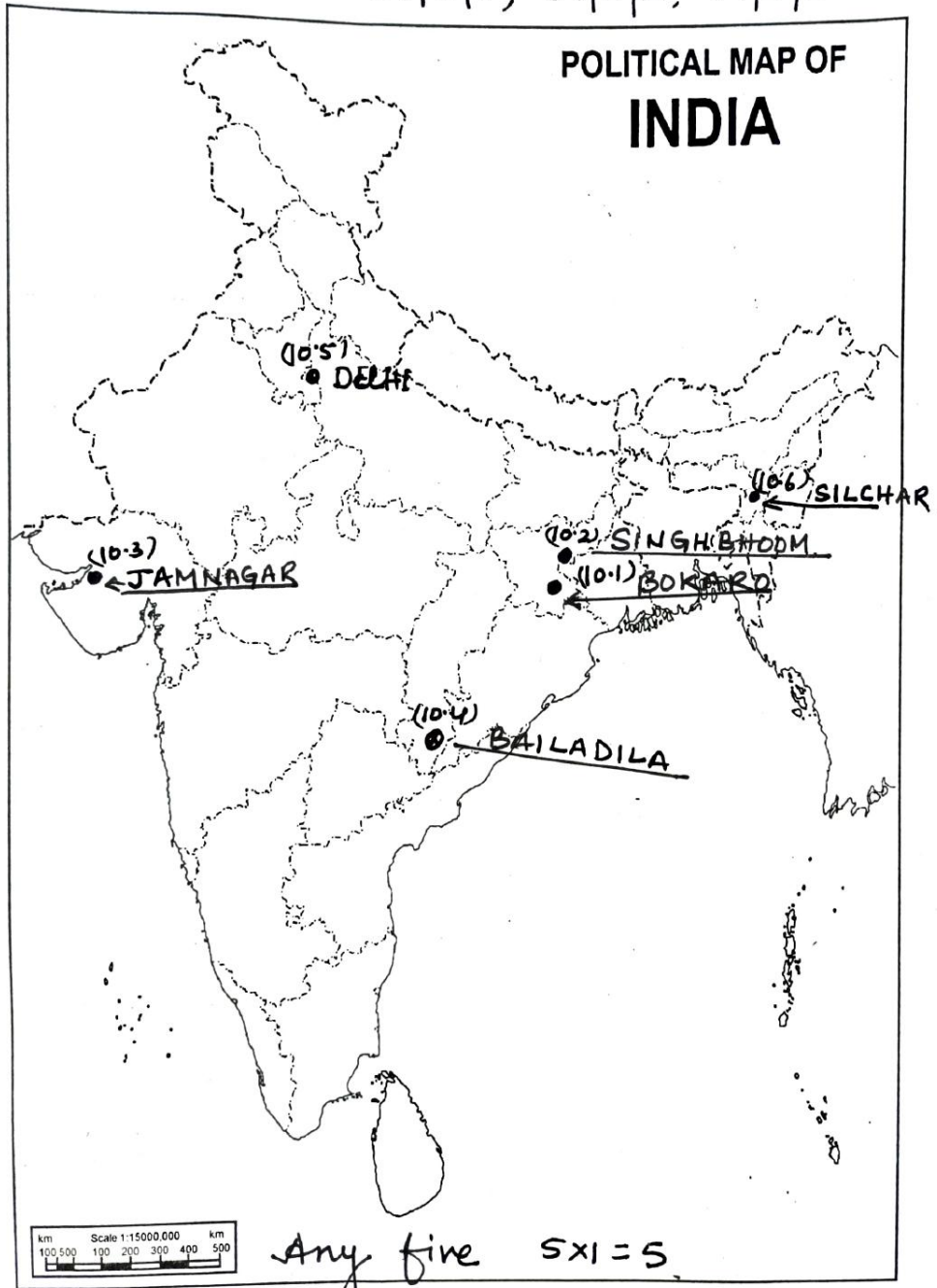
- |   |   |
|---|---|
| (a) In which state Bokaro coal mines are located ?                                | 1 |
| (b) In which state Singhbhoom copper mines are located ?                          | 1 |
| (c) Name the state where Jamnagar oil refinery is located.                        | 1 |
| (d) Name the state where Bailadila iron-ore mines are located.                    | 1 |
| (e) Name the northern most metropolitan city connected with Golden Quadrilateral. | 1 |
| (f) Name the eastern terminal station of East-West corridor.                      | 1 |



MAP for Q.No. 10.

नक्शा प्रश्न संख्या 10 के लिए

64/5/1, 64/5/2, 64/5/3



For Visually Impaired candidates only lieu of question 10.

Attempt any five

- a) Jharkhand
- b) Jharkhand

	c) Gujarat d) Chhattisgarh e) Delhi f) Silchar		
		5x1=5	

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