

2.4.4 Students are enabled to evolve the following tools of assessment for learning suited to the kinds of learning engagement provided to learners, and to analyse as well as interpret responses

- 1. Teacher made written tests essentially based on subject content**
- 2. Observation modes for individual and group activities**
- 3. Performance tests**
- 4. Oral assessment**
- 5. Rating Scales**

Orientation Programme for KRPS from Odisha for Developing Quality Questions for Secondary Level

Objective- To orient KRPs from Odisha for setting Science and English Question Papers for the examinations in classes IX and X

Date- 25th May 2018, 2nd to 6th July 2018, 3rd to 7th December 2018

Methodology- To determine the specific issues involved, a Need analysis for the Programme was conducted by visiting schools, and offices of the Board of Secondary Education and SCERT, Odisha. The question papers of previous years were studied and a programme for the preparation of training materials was conducted followed by an orientation programme. for the KRPs.

Programme Details-

- The need assessment programme was conducted on 25th May 2018 by visiting schools, and offices of the Board of Secondary Education and SCERT, Odisha.
- A workshop for the preparation of training material for the programme was conducted for 5 days from 2nd July 2018 to 6th July 2018 in the conference hall of the institute.

List of External Resource Persons

1. Prof. B. K. Panda, Retd. Professor, RIE, Bhubaneswar
2. Prof. S. R. Sahoo, NCERT, New Delhi
3. Mr. B. N. Rout, Retd. Board Sec. Education, baidyanathrout@gmail.com
4. Mr. Pramathesh Das, Former Director, SCERT, Odisha

5. Mr. M. M. Mohanty, Retd. SCERT (mohit.mohanty@gmail.com)
6. Prof. J. S. Padhi, Retd. Prof. RIE, Bhubaneswar (jayapadhi1947@gmail.com) High School
7. Prof. G. S. Mohapatra, Retd. Principal, (At- Chauliaganja, Mathasahi, Near Kunjabihari Jew Hospital,. P.O.- Nayabazar, Cuttack-4)
8. Dr. L. K. Bhopa, Retd. RIE, Bhubaneswar (VIM-245, Sailashree Vihar, Bhubaneswar-21)
9. Mr. Pradeep Kumar Mahapatra, Retd. Principal (prdp.mahapatra@rediffmail.com)
10. Dr. Daitary Sahoo, Asst. Prof., JKBK College, Cuttack, OMP Square, Cuttack (sahoodaitary1969@gmail.com)

List of Internal Resource Persons

1. Prof. B. N. Panda, DE, RIE, Bhubaneswar
2. Prof. M. Goswami, HEAD DESM, RIE, Bhubaneswar
3. Prof. M. Mohapatra, DESM, RIE, Bhubaneswar
4. Prof. D. L. Dash, DESM, RIE, Bhubaneswar
5. Prof. M.K. Satpathy, DESM, RIE, Bhubaneswar
6. Dr. L.D. Behera, DE, RIE, Bhubaneswar
7. Dr. R. R. Sethy, DE, RIE, Bhubaneswar
8. Dr. D. Krishan, DE, RIE, Bhubaneswar
9. Mr. Amarendra Tripathy, PGT, D. M. School, RIE, Bhubaneswar

Photos



- Another programme entitled “Orientation Programme for KRPS From Odisha for Developing Quality Questions for Secondary Level” was conducted for 5 days from 03rd to 7th December 2018 in the conference hall of the institute. Several internal and external resource persons were invited to give their valuable insight to the participants for the programme.

List of External Resource Persons

1. B. K. Panda, Retd., Professor, R.I.E, Bhubaneswar
2. Mr. B.N. Rout, Retd. from Board of Sec. Education, (baidyanathrout@gmail.com)
3. Mr. Pramathesh Das, Former Director, SCERT, Odisha
4. Mr. M. M. Mohanty, Retd. Dy. Director, SCERT, (mohit mohanty@gmail.com)
5. Prof. J. S. Padhi, Retd. Professor, RIE, Bhubaneswar (jayapadhi1947@gmail.com)
6. Prof. G. S. Mohapatra, Retd. Principal (At- Chulliaganja, Mathasahi, Near Kunjabihari jew High School, Nayabazar, Cuttack-4)
7. Dr. L. K. Bhopa, Retd. Faculty RIE, Bhubaneswar (VIM-245, Salishreevihar, BBSR-21)
8. Mr. Pradeep Kumar Mahapatra, Retd. Principal (prdp.mahapatra@rediffmail.com)
9. Dr. Daitary Sahoo, Asst. Prof., JKBK College, Cuttack (sahoodaitary 1969@gmail.com)
10. Dr. Subash Ch. Das, Retd. Principal, Dept. of Higher Education, Govt. of Odisha, Hathi Kotha, Kharakhia Baidyanath, Old Town -751 002 (gopika subhashchandra.das@gmail.com)
11. Mr. Nityananda Pradhan, Retd. Reader, CDA Road, Bidanashi, Cuttack-14 (9938028246)
12. Mr. Manoj Kumar Das, Retd. Principal, JNV, S-5/179, Niladri Vihar
13. Dr. Panchanan Das, Ex-Reader, RIE, Bhubaneswar, 9338499635

List of Internal Resource Persons

1. Prof. Manasi Goswami, HEAD DESM, RIE, Bhubaneswar
2. Prof. Animesh Kumar Mohapatra, RIE, Bhubaneswar
3. Prof. Madhuri Mohapatra, DESM, RIE, Bhubaneswar
4. Prof. D. L. Dash, DESM, RIE, Bhubaneswar 5. Dr. Laxmidhar Behera, DE, RIE, Bhubaneswar
6. Dr. Dhanya Krishan, DE, RIE, Bhubaneswar
7. Mr. Amarendra Tripathy, PGT, D. M. School, RIE, Bhubaneswar

REGIONAL INSTITUTE OF EDUCATION, BHUBANESWAR
PAC : 17.14 ORIENTATION PROGRAMME FOR KRPS FROM
ODISHA FOR DEVELOPING QUALITY QUESTIONS FOR SECONDARY LEVEL

Venue : RIE, Bhubaneswar PROGRAMME SCHEDULE Date : 03.12.18 to 07.12.18

Day	9.00-10.30 am	10.30 - 10.45am	10.45-12.15 am	12.15 - 01.15pm	01.15 - 2.45 pm	2.45 - 4.15 pm	04.15 - 04.30pm	4.30 - 5.30 pm
Monday 03.12.18	Registration and Inaugural Session	T E A B R E A K	Assessment policy perspectives Examination reforms P.Das	L U N C H B R E A K	Instructional objectives in Testing J.S.Padhi	Group Work (Formulation of learning objectives subjectwise. ERPs and IRPs)	T E A B R E A K	Presentation discussion and finalisation ERPs & IRPs
Tuesday 04.12.18	Characteristics of Quality test items M.M. Mohanty		Types and nature of Test items J.S. Padhi		Group work (Development of test items) Subjectwise ERPs and IRPs			Presentation discussion and finalisation ERPs & IRPs
Wednesday 05.12.18	Designing & Planning a test M.M. Mohanty		Blue Print subjectwise discussion		Group work Preparation of Blue Print Subjectwise ERPs and IRPs			Presentation discussion and finalisation ERPs & IRPs
Thursday 06.12.18	Assembling the test items G.S. Mohapatra		Group work on preparation of test items according to Blue Print - Subjectwise ERPs and IRPs		Group work on preparation of test items according to Blue Print - Subjectwise ERPs and IRPs	Presentation ERPs and IRPs		Disussion and finalisation ERPs & IRPs
Friday 07.12.18	Question paper analysis & Moderation P.K. Mohapatra		Group work for quation paper analysais and moderation Subjectwise ERPs and IRPs		Group work for quation paper analysais and moderation Subjectwise ERPs and IRPs	Presentation discussion and finalisation		Valedictory Session

देशीय शिक्षा संस्थान
 (राष्ट्रीय शैक्षणिक अनुसंधान और प्रशिक्षण परिषद)
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 2541665, 2542697

No. F. 6057
RELIEVING ORDER Date : 07-12-2018

It is certified that the following participants have attended the Programme entitled "Orientation Program for KRPs from Odisha for Developing Quality Questions for Secondary Level" held at RIE, Bhubaneswar from 03.12.2018 to 07.12.2018. They are relieved in the afternoon of 07.12.2018.

1. Mr. Prasana Kumar Das, Retd. Headmaster, D.J. Bidyapitha School, Cuttack
2. Mr. Sanjay Kumar Purohit, Lecturer in Geography, Ladugaon Higher Secondary School, Ladugaon, Kalahandi
3. Major Chintamani Bharati, Retd. Assoc. Prof. of Odia BJB (A) College, Bhubaneswar
4. Dr. Sunamani Rout, Retd. Assoc. Professor of Odia, S.B. Womens' Autonomous College, Cuttack
5. Mr. Harekrishna Sahoo, S-108, Maitree Vihar, BBSR- 751023
6. Kamal Kumar Samantray, Plot-486, Nilakantha Nagar, Post- Nayapali, BBSR- 14
7. Dr. Haraprasad Sahoo, Flat. No.- 303, Khushi Upahar Apartment, BJB Nagar, BBSR- 14
8. Dr. Rajani Ballav Dash, Plot No.- 3D-1188, Sector- 10, Block- 3 CDA, Cuttack- 14
9. Dr. Dharendra Kumar Sarangi, C/1279, Sector- 6, CDA, Cuttack- 753014
10. Dr. Mritunjay Pradhan, A/PO- Gopalpur, Cuttack
11. Dr. Chandramani Patra, Plot No.- 11- 3C- 1307, Sector- 11, CDA A/PO Nagar, Cuttack
12. Dr. Ramakanta Sahoo, Plot No.- 1C- 14, Sector- 11, CDA, Cuttack
13. Gagan Bihari Kar, M 5/4, Panchasakhanagar, Dumduma, Bhubaneswar- 751019
14. Dr. Baijayanti Mishra, Indira Gandhi Women's College, Cuttack- 8
15. Dr. (Smt.) Smt. Madani Ray, Plot No.- 459, Mahanadi Vihar, Nayabazar, Cuttack- 753004
16. Dr. Niranjan Dash, Plot No. 669, Gopabandhu Square, Mahanadivihar, Cuttack-4
17. Mr. Sadhu Charan Pradhan, Retd. H.M. Municipal Govt. High School, Mansingh Patna, Chandani Chowk, Cuttack
18. Sabitri Parida, Headmaster, Jayadev Govt. High School, Pratapudrapur, Khordha
19. Duryodhan Parida, 12. Satyanagar (In front of Khelaghar), Bhubaneswar-7
20. Dr. Biswanath Das, Reader (SS) in English, M.H.D. Mahavidyalaya, Chatatia, Jajpur.
21. Dr. Rita Das, Reader in English, Indira Gandhi Women's College, Cuttack-2

(N.T. Chhotray)
 Programme Coordinator

Photos



Workshop for Development of Question Bank in Language, Mathematics, Science and Social Science at Secondary Level

Objectives- To develop exemplar items in secondary school subjects i.e., Language, Science, Mathematics, and Social Science based on learning outcomes developed by NCERT for the secondary stage.

Date- 7th August 2020, 16th to 18th march 2021, 22nd to 23rd March 2021

Methods and Strategies adopted-

The following strategies were adopted to develop exemplar items based on the learning outcomes developed by NCERT for the secondary stage.

- In-house workshop for discussion about strategies and guidelines
- Three days' workshop through blended mode to develop exemplar items
- Two days' review workshop to finalize items.
- In-house workshop for discussion about strategies and guidelines

In-house workshop for discussion about strategies and guidelines

An online workshop was held on 7th August 2020. The online workshop was attended by the faculty members of the institute and discussed about the modalities of development of exemplar items. The Following members attended the programme.

1. Prof. M.K. Satapathy, Head, DEE and Programme Co-coordinator
2. Prof A.K. Mahapatra, Head, DESM
3. Prof R.K. Mahalik, Professor, DE
4. Prof I.P.Gowramma, Head, DE
5. Prof Ritanjali Dash, Head, DESSH and Programme Co-coordinator
6. Prof Laxmidhar Behera, Professor and Programme Coordinator.
7. Mr A.K.Saha, Assistant Professor, DESM

During the online workshop a brief background of the programme was presented by Prof Laxmidhar Behera, Professor and Programme Coordinator. It was suggested by members to prepare exemplar items for use by students and teachers of the eastern region of the country focussing on higher order skills such as analysis, critical thinking and conceptual clarity. As the scope of question bank is comprehensive and vast, the possibility of preparation of exemplars based on each learning outcomes need to be explored.

Three days' workshop through blended mode for development of exemplar items

Due to Covid situation and lack of availability of resource persons the conduction of the workshop was delayed. Instead of five days' face to face workshop as proposed in the programme proposal, a three-day workshop through blended mode was organised from 16th to 18th March 2021. The internal resource persons were from Examination Reform Cell of NCERT, ESD, NCERT different constituents of NCERT like RIE, Bhopal and Ajmer, faculty members from RIE, Bhubaneswar and DM School of the institute. The external resource persons

List of Resource Persons

External Resource Persons for Development of Exemplar Items

Language (English)- Mr. J.K.Sishu Goswami, PGT, English, KV 6, Bhubaneswar

Language (Hindi)- Dr. Ajit Prasad Mahapatra, Retired Associate Professor, Hindi Training Institute, Cuttack

Social Science

- Sri P.K.Mahapatra, Retired Associate Professor of Geography, Former Principal Bhawanipatna (A) College
- Dr Pankaja Kumar Pradhan, Former Associate Professor of Political Science, RD Womens College, Bhubaneswar
- Dr Priyadarshi Kar, Asst Professor, PG Department of History, Ravenshaw University, Cuttack-751003
- Dr Anjan Kumar Katua, Principal, KV 2, Bhubaneswar
- Dr R. N. Patra, Visiting Professor, COAT, Koraput

Science

- Prof B.K.Parida, Professor of Physics(Ret), Former Dean(I),
- Mr Sabitrabat Mandal, PGT Biology, KV Ballegunge, Kolkotta

- Mrs Vidyut Sahoo, TGT, science, KV-2, CRPF, Bhubaneswar
- Mr Ramanuj Kumar, PGT, Chemistry, KV Tatanagar, Jamshedpur, Jharkhand

Mathematics

- Mrs Pratima Nayak, PGT Mathematics (Retired). KV Fort William, Kolkata
- Dr Rajendra Nath Babu, Assistant Professor, Department of Teacher Education, Nagaland University, Kohima
- Dr M.M.Mohanty, Former Director, SIEMT, Odisha

Internal Resource Persons for Development of Exemplar Items

Language (English)

- Prof S.R.Sahoo, Professor of English and Dean of Instructions
- Dr Kumar Parag, Associate Professor of English, RIE, Bhubaneswar
- Dr D. Bagui, Asst Professor of English, RIE, Bhubaneswar

Language (Hindi)- Mr P. K. Mishra, PGT, Hindi, DM School, RIE, Bhubaneswar

Social Science

- Prof Ritanjali Dash, Head, Professor of Economics, RIE, Bhubaneswar
- Prof Prithish Acharya, Professor of History, RIE, Bhubaneswar
- Dr Premananda Sethy, Assistant Professor of Economics, RIE, Bhopal
- Dr Sukhvinder, Associate Professor, ESD, NCERT, New Delhi
- Mrs Sabita Patnaik, PGT, Economics, DM School, RIE, Bhubaneswar
- Mohd Ghulam Rahber, PGT, History, DM School, RIE, Bhubaneswar
- Dr Swagatika Mishra, Assistant Professor of Geography (Cont), RIE, Bhubaneswar
- Mr Chinmay Mallik, Assistant Professor of Geography (Cont), RIE, Bhubaneswar

Science

- Prof Manasi Goswami, Professor of Physics, RIE, Bhubaneswar
- Prof Animesh Kumar Mahapatra, Professor of Zoology, RIE, Bhubaneswar
- Pro M.K.Satpathy, Professor of Botany, RIE, Bhubaneswar
- Dr R.K.Sharma, Associate Professor of Chemistry, RIE, Ajmer
- Mr Anil Kumar Jena, PGT, Chemistry, DM School, RIE, Bhubaneswar
- Mr J.P.Praharaj, PGT, Physics, DM School, RIE, Bhubaneswar
- Ms. Sili Sahoo, PGT, Biology, DM School, RIE, Bhubaneswar

Mathematics

- Mr Arup Kumar Saha, Assistant Professor of Mathematics, RIE, Bhubaneswar
- Dr S. Kapoor, Assistant Professor of Mathematics, RIE, Bhubaneswar
- Mr Jagannath Naik, PGT, Math, DM School, RIE, Bhubaneswar
- Prof I.P.Gowramma, Professor of Education, RIE, Bhubaneswar
- Prof A.D. Tiwari, Professor, Examination Reform Cell, NCERT, New Delhi
- Prof R.K.Mahalik, Professor of Education, RIE, Bhubaneswar
- Prof Laxmidhar Behera, Professor of Education and Programme Coordinator, RIE, Bhubaneswar

The three days programme schedule was as follows.

Date	Theme	Time	RP's/Facilitators
16.01.2021 Tuesday	Introduction to the workshop and Strategies for development of exemplar items	10 am-11.45am	Principal, RIE, Bhubaneswar Head, DEE, RIE, Bhubaneswar Prof A.D. Tiwari, Exam Reform Cell, NCERT Dr. M.M. Mohanty, Former Director, SIEMAT, Odisha. Views/suggestions of RPs Dr. Laxmidhar Behera, Coordinator
	Tea Break	11.45am-12.00 noon	
	Division of Groups and Development of exemplar items	12.00 -1.30 pm	All Resource Persons as per subject group
	Lunch Break	1.30 pm-2.15 pm	
	All Resource Persons as per subject group	2.15 pm -3.45 pm	All Resource Persons as per subject group
	Tea Break	3.45 pm -4.00 pm	
17.01.2021 Wednesday	Presentation of exemplar items	4.00 pm-5.30 pm	All Resource Persons as per subject group
	Development of Exemplar items	9.30 am -11.30 am	All Resource Persons as per subject group
	Tea Break	11.30am-11.45 am	
	All Resource Persons as per subject group	11.45 am-1.30 pm	All Resource Persons as per subject group
	Lunch Break	1.30 pm-2.15 pm	
	Development of Exemplar items	2.15 pm -3.45 pm	All Resource Persons as per subject group
18.01.2021 Thursday	Tea Break	3.45pm-4.00pm	
	Presentation of exemplar items	4.00 pm-5.30 pm	All Resource Persons as per subject group
	Development of Exemplar items	9.30 am -11.30 am	All Resource Persons as per subject group
	Tea Break	11.30am-11.45 am	
	Presentation of exemplar items and Discussion	11.45am-1.30 pm	All Resource Persons as per subject group
	Lunch Break	1.30 pm-2.15 pm	
18.01.2021 Thursday	Presentation of exemplar items and discussion	2.15pm-3.30 pm	All Resource Persons as per subject group
	Tea Break	3.30pm-3.45pm	
	Finalization of exemplar items and closing of the workshop	4.00 pm-5.00 pm	Principal, Head, DEE, Resource Persons, Coordinators

During the workshop it was finalised to develop multiple choice questions and each item has to reflect on the learning outcome, Class and topic it covers.

Photos



Two Days workshop for Review of Items Developed

A two-day workshop was held on 22nd and 23rd March 2021 at the Institute. The following members were involved as resource persons.

External Resource Persons

1. Dr M.M.Mohanty, Former Director, SIEMT, Odisha
2. Prof J.S.Padhi, Retired Professor of Education, RIE, Bhubaneswar
3. Dr D.C.Rana, Retired Associate Professor, Bhadrak(A) College

Internal Resource Persons

1. Prof P.C.Agarwal, Principal, RIE, Bhubaneswar
2. Prof H.K. Senapaty, Professor, RIE, Bhubaneswar
3. Prof S.R. Sahoo, Dean of Instructions, RIE, Bhubaneswar
4. Prof M.K.Satpathy, Programme Co-ordinator, RIE, Bhubaneswar
5. Prof Ritanjali Dash, Programme Co-ordinator, RIE, Bhubaneswar
6. Prof B.N.Panda, Dean, RIE, Bhubaneswar
7. Prof Gowramma, IP, Professor of Education, RIE, Bhubaneswar
8. Prof Laxmidhar Behera, Programme Coordinator

All the items were discussed and reviewed by the resource persons.

**EXEMPLAR ITEMS IN
LANGUAGE, SOCIAL SCIENCE, SCIENCE
AND MATHEMATICS AT SECONDARY LEVEL**

REPORT OF THE PAC 17.07

**DEVELOPMENT OF QUESTION BANK IN
LANGUAGE, SOCIAL SCIENCE, SCIENCE AND
MATHEMATICS AT SECONDARY LEVEL**

Dr. Laxmidhar Behera
Professor and Programme Coordinator

Prof Ritanjali Dash, Programme Co-coordinator

Prof M.K. Satpathy, Programme Co-coordinator

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT

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4. EXEPLAR ITEMS

4.1 EXEPLAR ITEMS IN LANGUAGE HINDI

हिंदी भाषा में उदाहरणात्मक मदों का विकास

कक्षा - नवीं

प्रश्न क्र.1. बिन बुलाए मेहमानों के प्रति हमारी क्या प्रतिक्रिया होती है ?

सीखने के प्रतिफल:- समस्या समाधान

विकल्प:- 1.1 मेहमानों की उपस्थिति से हों खुशी होती है।

1.2 हज़ उनके प्रति अच्छा व्यवहार करते हैं।

1.3 हम उन्हें ईश्वर की तरह पूजते हैं।

1.4 हज़ उन्हें दो-चार दिनों के बाद घर से विदा करना चाहते हैं।

सही उत्तर:-

1.4 हज़ उन्हें दो-चार दिनों के बाद घर से विदा करना चाहते हैं।

प्रश्न क्र.2. आप छोटे-बड़े पेड़ों पर सहसा चढ़ जाते हैं लेकिन पहाड़-पर्वत पर चढ़ने में डरते हैं, क्यों?

सीखने के प्रतिफल:-

विकल्प:- 2.1 शिक्षा की कमी

2.2. साहस और आत्मविश्वास की कमी

2.3 अवसर की कमी

2.4 धन की कमी

सही उत्तर:- 2.2. साहस और आत्मविश्वास की कमी

3. यशपाल की 'कहानी दुःख का अधिकार' पढ़नोंपरांत इस प्रकार के मजबूर लोगों के प्रति आपकी

क्या प्रतिक्रिया होती है?

सीखने के प्रतिफल:-

जाति, धर्म, प्रथा और स्थिति के अनुसार परिवेश गत समस्याओं का समाधान

विकल्प:- 3.1 तिरस्कार का भाव

3.2 संवेदना का भाव

3.3 आत्मीयता 3.4 3.2 और 3.3 दोनों

सही उत्तर:- 3.4 3.2 और 3.3 दोनों

iii. What else did Sarah buy while she was in the store?

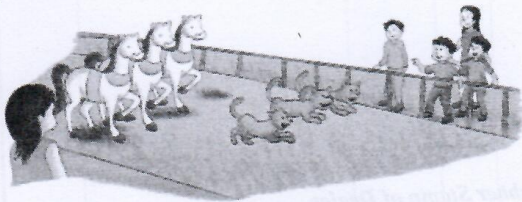
iv. The words "Thank you for your business" are printed on the bottom of the receipt. One possible reason for this is simply to be polite. What is another possible reason?

Picture Comprehension

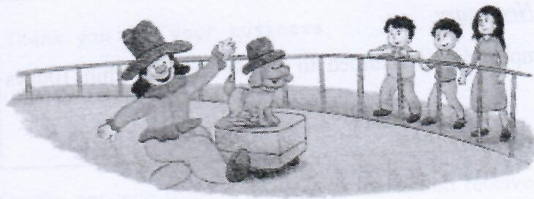
(i) My mother took me and my brother Arun to the fun parade on Monday.



I saw three pretty white horses walking in the parade and some big dogs running in the parade, too.



The clowns and their puppy had on purple hats and big orange pants.

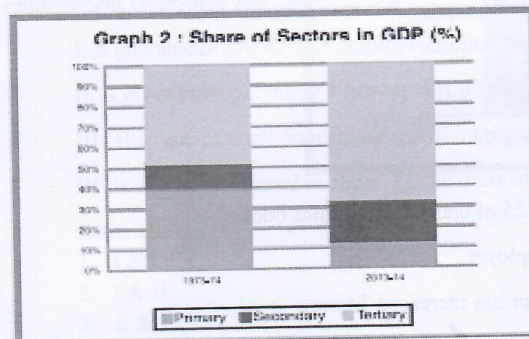


After the parade the clowns gave me candy to eat. I ate my candy and I clapped and clapped. It was a fun parade to see with my brother and mother.

For measuring development other than income there are various other aspects like Education, Health, and Environment etc. Equally important is the non-material things like pollution free environment, freedom, security etc.

14.

Class X
Learning Outcome-analyses the contribution of different sectors to Employment
Level-Average



Study the above Bar diagram and comparing the data of 1973-74 with 2013-14 choose the correct Statement(s):

- I. Production in the secondary sector increased by 9 times.
- II. Production in the service sector rose by 14 times.
- III. Primary sector was contributing the maximum in 1973-74.
- IV. The contribution of the secondary and Tertiary sector together in 1973-74 was less than the primary sector.

Alternatives:

- 1. Only I
- 2. I & II
- 3. II & III
- 4. III & IV

Correct option is 2

1. **Read the following passage and answer the questions which follow the passage:**

On a fine morning, Mr. Naseeb met his childhood friend Mr. Sohail, who was working in the State Electricity Deptt. Mr. Naseeb asked about Mr. Sohail but Sohail hesitated to express his condition. Gradually he starts to speak. Mr. Sohail after his primary education left school and helped his father in farming one acre of land and rearing domesticated animals. With the