From: Dr. Bijay Kumar Sahoo  
Controller of Examinations.

To: All the Principals of affiliated/Recognised Junior Colleges under CHSE, Odisha including (SSD) H.S. Schools of Odisha.


Sir/Madam,

With reference to the subject cited above, I am to inform you that the question pattern and distribution of marks for the Annual H.S. Examination – 2018 in respect of certain subjects of Arts, Science & Commerce streams is enclosed herewith for clarification of the students and all concerned. The same may be duly notified at your level for wide circulation among the students. The question pattern and distribution of marks of the remaining subjects will be the same as per the respective syllabi.

List of subjects: Copy enclosed.

Yours faithfully,

Controller of Examinations.
QUESTION PATTERN AND DISTRIBUTION OF MARKS FOR ANNUAL H.S. EXAM. 2018 IN RESPECT OF THE FOLLOWING SUBJECTS OF ARTS/SCIENCE/COMMERCE STREAMS.

1. Physics & Chemistry
2. Biology
3. Statistics (Arts/Science)
4. Electronics
5. Biotechnology
6. Computer Science
7. Political Science/History/Logic/Economics (Arts/Science)
8. Anthropology
9. Geography (Arts/Science)
10. Business Economics
11. Integrated Vocational subjects

01. PHYSICS AND CHEMISTRY (Theory) : 70 Marks (Time-3 hours)

<table>
<thead>
<tr>
<th>Type of Question</th>
<th>Mark for Question</th>
<th>Total No of Questions</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCQ</td>
<td>01</td>
<td>07</td>
<td>1 X 7 = 7</td>
</tr>
<tr>
<td>VSA</td>
<td>01</td>
<td>07</td>
<td>1 X 7 = 7</td>
</tr>
<tr>
<td>SA-1</td>
<td>02</td>
<td>7/10</td>
<td>2 X 7 =14</td>
</tr>
<tr>
<td>SA-02</td>
<td>03</td>
<td>7/10</td>
<td>3 X 7 =21</td>
</tr>
<tr>
<td>LA</td>
<td>07</td>
<td>3/5</td>
<td>7 X 3 =21</td>
</tr>
</tbody>
</table>

MCQ-Multiple Choice Question
VSA-Very Short Question
SA-Short Answer
LA-Long Answer
Total-70

Practical Mark Distribution is given in the Syllabus

2. BIOLOGY ( Unitary Paper )
( Mark distribution is given in the syllabus )

Section A : Botany
Full marks-35
Time- 1 Hour 30 Minutes

Section B: Zoology
Full Marks-35
Time-1 Hour 30 Minutes

Practical mark distribution given in the Syllabus
03. STATISTICS (Science / Arts)

Theory : 70 Marks  (Time-3 Hours)

Group -A    Objective Type Compulsory

Q.1  Multiple choice
     (from all units)  1 mark each X 10=10 marks

Q.2.  One word answer/
       Very short answer/
       Correct the sentence/
       Fill up the blanks
     1 mark each X 10=10 marks

Group B (Short type Answer)

Q.3  Answer within Two/Three
     Sentences
     (Out of 12 bits, one
     has to answer ten bits)
     2 mark each X 10=20 marks

Q.4  Answer within six sentences
     (Out of five bits, one
     has to answer three bits)
     3 mark each X 3 =09 marks

Group C (Long Type Answer)

Q.5 to Q. 7 with alternatives :
     (Out of six Questions from all units
     one has to answer 3 questions)  7 mark each X 3= 21 marks

Practical :

01. Solution of Problems- 24 Marks
02. Record-3 Marks
03. Viva-Voce- 3 Marks
04. ELECTRONICS : QUESTION WISE BREAK UP

<table>
<thead>
<tr>
<th>Type of Question</th>
<th>Mark per Question</th>
<th>Total No. of Question</th>
<th>Total marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSA</td>
<td>1</td>
<td>5</td>
<td>05</td>
</tr>
<tr>
<td>SA-I</td>
<td>2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>SA-II</td>
<td>3</td>
<td>13</td>
<td>39</td>
</tr>
<tr>
<td>VBQ</td>
<td>4</td>
<td>1</td>
<td>04</td>
</tr>
<tr>
<td>LA</td>
<td>4</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>27</strong></td>
<td><strong>70</strong></td>
<td></td>
</tr>
</tbody>
</table>

[VSA-Very Short Answer, SA-Short Answer, VBQ-Value Based Question (appraise, judge and/or justify the value or worth of a decision or outcome or to predict outcomes based on values). LA-Long Answer]

05. BIO – TECHNOLOGY

Total Marks-100

Theory - 70 Marks

Practical – 30 Marks

Theory :

Group-A   Objective Type Compulsory

Q.1 Multiple choice
     (from all units)

Q.2 One word answer/
     Very short answer/
     Correct the sentence/
     Fill up the blanks

Group-B   (Short type Answer)

Q.3 Answer within Two/Three Sentences
     ( out of 12 bits, one has
to answer 10 bits)

Q.4 Answer within six sentences
     ( Out of five bits, one has
to answer three bits )
Group-C (Long Type Answer)

Q.5 to Q.7 Out of six Questions from all units one has to answer
3 questions: 7 mark each x 3 = 21 marks

Practical: 30 Marks

Major Experiments-16 Marks
Minor Experiment- 8 Marks
Viva-Voce - 4 Marks
Practical Record - 2 Marks

05. COMPUTER SCIENCE

Theory:
Group-A (Objective Type-Compulsory)
Q.1 Multiple Choice Questions (10 bits from all units) 1 mark X 10=10 Marks
Q.2 One Word Answer/Very Short Answer/Correct the Sentence/Fill up the blanks (10 bits from all units) 1 mark X 10=10 Marks

Group-B: (Short Type Answer)

Q.3 Answer within 30 words
(Out of 12 bits, One has to answer 10 bits) 2 marks each X 10=20 Marks
Q.4 Answer within 50 words
(Out of 5 bits one has to answer 3 bits) 3 marks each X 3=09 Marks

Group-C (Long Type Answer)
Q. 5 to Q.9 (Out of 5 Questions from all units, one has to answer 3 Questions) 7 marks each X 3= 21 Marks

Practical: 30 marks as given in the Syllabus
Viva-voce-2 marks)
POLITICAL SCIENCE /HISTORY/LOGIC/ECONOMICS ( Arts/Science)

Total Marks-100

Group- A ( Objective type - Compulsory )

Q.1 Multiple choice
( from all units )
1 mark each x 15 = 15 marks

Q.2 One word answer /
Very short answer /
Correct the sentence /
Fill up the blanks
1 mark each x 15 = 15 marks

Group-B ( Short type Answer )

Q.3 Answer within Two/Three
Sentences
( Out of 14 bits. One has to
Answer 11 bits )
2 mark each x 11 = 22 marks

Q.4 Answer within six sentences
( Out of eight bits, one
has to answer six bits )
3 mark each x 6 = 18 marks

Group-C (Long answer type)

Q.5 to Q.10 (Out of six Questions from
all units, one has to Answer 4 questions)
7.5 mark each x 4 = 30 marks

8. ANTHROPOLOGY ( Arts/Science)

Theory: 70 Marks

Group-A (Objective Type - Compulsory)

Q.1 Multiple choice Questions ( 10 bits from all units ) 1 mark X 10 = 10 marks
Q.2 One word answer/very short answer/correct the sentence /fill up the blanks
( 10 bits from all units ) 1 mark x 10 = 10 marks
Group – B (Short Type Answer)

Q.3 Answer within 30 words
   (Out of 12 bits, one has to answer 10 bits)
   2 marks each x 10 = 20 marks

Q.4 Answer within 50 words
   (Out of 5 bits one has to answer 3 bits)
   3 marks each x 3 = 09 marks

Group – C (Long Type Answer)

Q.5 to Q.9
   (Out of five questions from all units, one has to answer 3 questions)
   7 marks each x 3 = 21 marks

Practical : 30 Marks
Mark distribution given in the syllabus

9. GEOGRAPHY (Arts/Science)  Total Mark-70

Group-A (Objective type – Compulsory)

Q.1 Multiple choice questions
   (10 bits from both the parts: A & B)
   1 mark each x 10 = 10 Marks

Q.2 Map pointing Questions:
   (5 bits from part A + 5 bits from part B)
   1 mark each x 10 = 10 Marks

Group – B (Short answer type)

Q.3 Answer within 30 words:
   (10 bits to be answered out of 12 bits from part A & B)
   2 marks each x 10 = 20 Marks

Q.4 Answer within 50 words:
   (3 bits to be answered out of 5 bits from part A & B)
   3 marks each x 3 = 09 Marks

Group – C (Long Answer Type)

Q.5 to Q.9:
   (Three questions to be answered out of the five questions from part A & B)
   7 marks each x 3 = 21 Marks

INDIAN MUSIC (Arts) Regular-2018 Theory

Full mark- 40 Time- 2 hours

Group-A-Compulsory-10 marks
One word answer/Very short answer/Correct the sentences/Fill up the Blanks/True or False

Q.No.-1 1 x 5 = 5
Q.No.-2 1 x 5 = 5
Group-B
18 marks short questions out of Eight questions one has to answer any six questions
\[3 \times 6 = 18\]

Q. No. 1 to 14 Long Type Answer

Group-C 12 marks

Out of 4 questions one has to answer any two
\[6 \times 2 = 12\] marks

INDIAN MUSIC (Arts) Regular O. Vocal

Full Mark-60 (Practical)

For Choice - 15
Chhandha/Champu/Gitagobinda - 15
Demonstration of Laykriya - 10
Identification of Raag & Taal - 10
Singing Bhajan and Janana - 10

H. VOCAL Full Mark-60 (Practical)

Raag- For Choice - 15 marks
For Dhrupad & Dhamar - 15 marks
Demonstration of Laykriya - 10 marks
Identification of Raag & Swar - 10 marks
For Performance of Light
Classical Music - 10 marks

Tabla Full Mark-60 (Practical)

For Solo badan of choice Taal - 20 marks
For Rela Kayda - 10 marks
For Laykriya - 10 marks
For Tukuda, Chakradar - 10 marks
For Prakar of different Thekas - 10 marks

10.COMMERCE : Business Economics

Theory : 80 Marks Time – 3 hours

Group – A (Objective type – Compulsory)

Q.1 Multiple choice Questions ( 12 bits from all units ) 1 mark each x 12 = 12 marks
Q.2 One word answer/very short answer/
Correct the sentence /fill up the blanks (12 bits from all units) 1 mark each \( \times 12 = 12 \) marks

Group-B (Short Type Answer)

Q.3 Answer within 30 words
(out of 13 bits, one has to answer 10 bits) 2 marks each \( \times 10 = 20 \) marks
Q.4 Answer within 50 words
(out of six bits, one has to answer four bits) 3 marks each \( \times 4 = 12 \) marks

Group – C (Long Answer Type)

Q.5 to Q.9
(Out of Five Questions from all units, one has to answer 3 questions) 8 marks each \( \times 3 = 24 \) marks
Project work with Viva-voce 15 marks +5 marks = 20 marks.

11. INTEGRATED VOCATIONAL SUBJECT

Theory : -40 Marks

Group: A
Multiple Choice Questions/One word Answer/Very Short Answer/Correct the Sentences/Fill up the Blanks/ True or False

Q.1. \( 1 \times 5 = 5 \)
Q.2. \( 1 \times 5 = 5 \)

Group: B
Short Answer Type bits \( 3 \times 6 = 18 \)

Group: C
Long Questions
Two questions to be Answered out of four \( 6 \times 2 = 12 \)

Practical : 60 Marks

Mark distribution as per previous question pattern

FOR QUESTION PATTERN AND DISTRIBUTION OF MARKS OF OTHER SUBJECTS PLEASE REFER THE SYLLABUS.