

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE ANNUAL EXAMINATION, 2022'

Name of Subject: Chemistry - H Session: 2021-2022

P-I
2707
22
(467)

Q.Nos	Paper Code 2741	Paper Code 2743	Paper Code 2745	Paper Code 2747
1	A	A	C	C
2	C	B	B	C
3	C	A	A	B
4	B	C	D	A
5	A	C	C	D
6	D	B	D	C
7	C	A	A	D
8	D	D	B	A
9	A	C	A	B
10	B	D	C	A
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

سرٹیفکیٹ بابت تصحیح سوالیہ پرچہ / مارکنگ Key

ہم نے مضمون Chemistry پرچہ I گروپ Home Economics انٹرمیڈیٹ سالانہ امتحان 2022ء کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو بنظر عین چیک کر لیا ہے یہ پرچہ Syllabus کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ کی معروضی (MCQs) Key کی بابت تصدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزامینرز کیلئے تفصیلی مارکنگ ہدایات / مارکنگ سکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 02-08-2022

S.#	Name	Designation	Institution	Mobile No	Signature
1	Mrs. Razia Sultana	A.P	Govt. College of H/Eco. Multan	03337633576	<i>[Signature]</i>
2	Mrs. Rehab Fatima	C.T.I	Govt. College of H/Eco Multan	0303 9654224	<i>[Signature]</i>
3					

Re-Checked By ہم نے درج بالا سوالیہ پرچہ (انشائیہ + معروضی) معروضی "Key" اور ہدایات کے حوالہ سے مکمل طور پر تسلی کر لی ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

1					
2					

تاریخ 02-08-22

2022 (A)

Roll No: 472

INTERMEDIATE PART-I (11th CLASS)

CHEMISTRY (Home Economics Group) PAPER-I

TIME ALLOWED: 1.15 Hours

SUBJECTIVE

MAXIMUM MARKS: 25

NOTE: Write same question number and its part number on answer book, as given in the question paper.

SECTION-I

2. Write short answers to any six.

6 × 2 = 12

- (i) Define Oxidation. Give an example.
- (ii) Write two physical properties of Ozone.
- (iii) Give formula of water and sucrose.
- (iv) Write formula and action of Baking powder on flour.
- (v) Mention two uses of Methane.
- (vi) What is Saponification?
- (vii) Write reaction of CO_2 with H_2O .
- (viii) Define electrolytes give two examples.
- (ix) Balance the equation $Na_2CO_3 + HCl \longrightarrow NaCl + H_2O + CO_2$

SECTION-II

NOTE: Attempt any two long questions.

2 × 6½ = 13

- 3. Explain exothermic and endothermic reactions.
- 4. What are physical changes? Explain with examples.
- 5. Define Hard Water. Suggest methods for softening of hard water.

Code
ber: 2741

2022 (A)
INTERMEDIATE PART-I (11th CLASS)

Roll No.

673

CHEMISTRY (Home Economics Group) PAPER-I

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) Percentage composition of oxygen in air is:
(A) ☒ 21% (B) 31% (C) 41% (D) 51%
- (2) Formula of washing soda is:
(A) Na_2SO_4 (B) $NaCl$ (C) ☒ Na_2CO_3 (D) $NaHCO_3$
- (3) Color of pure hydrogen peroxide is:
(A) Brown black (B) Red green (C) ☒ Pale blue (D) ☒ Colorless
- (4) Atomic number of Carbon is:
(A) 4 (B) ☒ 6 (C) 8 (D) 10
- (5) Which is not electrolyte?
(A) ☒ Ethanol (B) Limewater (C) Salt solutions (D) Aqueous copper sulphate
- (6) Symbol of Potassium is:
(A) Ka (B) P (C) P_t (D) ☒ K
- (7) Ozone is allotropic form of:
(A) Hydrogen (B) Carbon (C) ☒ Oxygen (D) Nitrogen
- (8) Component elements of sand are:
(A) Carbon, Oxygen (B) Sodium, Oxygen (C) Hydrogen, Oxygen (D) ☒ Silicon, Oxygen
- (9) Common table salt is:
(A) ☒ $NaCl$ (B) HCl (C) $CaCl_2$ (D) $CaCO_3$
- (10) Which is important for ripening of fruit?
(A) Gibberellins (B) ☒ Ethene (C) Auxin (D) Cytokinin

CHEMISTRY (Home Economics Group) PAPER-I

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) Common table salt is:

(A) $\checkmark$ $NaCl$ (B) HCl (C) $CaCl_2$ (D) $CaCO_3$

(2) Which is important for ripening of fruit?

(A) Gibberellins

(B) $\checkmark$ Ethene

(C) Auxin

(D) Cytokinin

(3) Percentage composition of oxygen in air is:

(A) $\checkmark$ 21%

(B) 31%

(C) 41%

(D) 51%

(4) Formula of washing soda is:

(A) Na_2SO_4 (B) $NaCl$ (C) $\checkmark$ Na_2CO_3 (D) $NaHCO_3$

(5) Color of pure hydrogen peroxide is:

(A) Brown black

(B) Red green

(C) $\checkmark$ Pale blue

(D) Colorless

(6) Atomic number of Carbon is:

(A) 4

(B) $\checkmark$ 6

(C) 8

(D) 10

(7) Which is not electrolyte?

(A) $\checkmark$ Ethanol

(B) Limewater

(C) Salt solutions

(D) Aqueous copper sulphate

(8) Symbol of Potassium is:

(A) Ka (B) P (C) P_i (D) $\checkmark$ K

(9) Ozone is allotropic form of:

(A) Hydrogen

(B) Carbon

(C) $\checkmark$ Oxygen

(D) Nitrogen

(10) Component elements of sand are:

(A) Carbon, Oxygen

(B) Sodium, Oxygen

(C) Hydrogen, Oxygen

(D) $\checkmark$ Silicon, Oxygen

Code
ber: 2745

2022 (A)
INTERMEDIATE PART-I (11th CLASS)

Roll No.

475

CHEMISTRY (Home Economics Group) PAPER-I

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

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(A) Brown black (B) Red green (C) ☒ Pale blue (D) Colorless
- (2) Atomic number of Carbon is:
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- (3) Which is not electrolyte?
(A) ☒ Ethanol (B) Limewater (C) Salt solutions (D) Aqueous copper sulphate
- (4) Symbol of Potassium is:
(A) *Ka* (B) *P* (C) *P_t* (D) ☒ *K*
- (5) Ozone is allotropic form of:
(A) Hydrogen (B) Carbon (C) ☒ Oxygen (D) Nitrogen
- (6) Component elements of sand are:
(A) Carbon, Oxygen (B) Sodium, Oxygen (C) Hydrogen, Oxygen (D) ☒ Silicon, Oxygen
- (7) Common table salt is:
(A) ☒ *NaCl* (B) *HCl* (C) *CaCl₂* (D) *CaCO₃*
- (8) Which is important for ripening of fruit?
(A) Gibberellins (B) ☒ Ethene (C) Auxin (D) Cytokinin
- (9) Percentage composition of oxygen in air is:
(A) ☒ 21% (B) 31% (C) 41% (D) 51%
- (10) Formula of washing soda is:
(A) *Na₂SO₄* (B) *NaCl* (C) ☒ *Na₂CO₃* (D) *NaHCO₃*

Code
ber: 2747

2022 (A)
INTERMEDIATE PART-I (11th CLASS)

Roll No.

476

CHEMISTRY (Home Economics Group) PAPER-I

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) Formula of washing soda is:

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(2) Color of pure hydrogen peroxide is:

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(3) Atomic number of Carbon is:

- (A) 4 (B) 6 (C) 8 (D) 10

(4) Which is not electrolyte?

- (A) Ethanol (B) Limewater (C) Salt solutions (D) Aqueous copper sulphate

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(8) Common table salt is:

- (A) $NaCl$ (B) HCl (C) $CaCl_2$ (D) $CaCO_3$

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(10) Percentage composition of oxygen in air is:

- (A) 21% (B) 31% (C) 41% (D) 51%