F.1-2/2008(Academics) FDE
Government of Pakistan
Federal Directorate of Education
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Academics Wing

Islamabad, November 20, 2020.

All Heads of Institutions (HoIs)
Islamabad Model School/Colleges (Boys/Girls)
Urban and Rural Areas, Islamabad.

Through: *Area Education Officers*

Subject: **ACADEMIC PLANNING DURING EXPECTED EXTENDED WINTER VACATIONS IN EDUCATIONAL INSTITUIONS UNDER FEDERAL DIRECTORATE OF EDUCATION ISLAMABAD.**

I am directed to refer to subject as captioned above /to state that the educational activities in ICT and across Pakistan are likely to be closed for extended winter vacations w.e.f; November 24, 2020 *(subject to decisions to be taken in IMPEMC on November 23, 2020).*

2. Therefore, all educational Institutions under the ambit of Federal Directorate of Education Islamabad are advised to do academic planning of educational activities to minimize learning losses of the students and for implementation in true letter and spirit. It is advised that all heads of institutions shall ensure that schedule of studies for all subjects taught in classes Prep-XII, for approximately six to eight weeks long vacations is prepared by November 23, 2020 and shared with students. Every institutions shall ensure the useful and effective use of social media (official Facebook pages and WhatsApp groups of all classes) and schedule of studies to be shared through these forums following ethical use of working hours in the most civilized manner. Moreover, daily timetable of studies in line with the referred schedules shall also be prepared with a justified work load for students and the same shall be posted on the respective social media forums. It is further advised that copies of both schedules and timetable be shared to this office through respective Area Education Offices. (*For reference, a sample schedule for General Science for Classes (VI-VIII) is enclosed and can be adopted for preparation of schedules of studies for all subjects and classes)*

3. All colleges affiliated with Quaud-e-Azam University shall follow the guidelines to operate online classes as per issued policies of the University. An elaborated set of guidelines regarding attendance of teaching and administrative staff will be issued in the wake of convening of the IPEMC and decisions taken by the competent authorities.

4. This is issued with the approval of Director General FDE.

(SAADIA ADNAN)
Director (Academics &QA)

Copy to:

- PS to Director General , FDE
- AD IT Section, FDE for uploading on website and circulation on Groups

WINTER BREAK HOMEWORK – CLASS 6 (GENERAL SCIENCE)

Week 23rd – 29th November	Week 30th Nov – 6th December	Week 7th – 13th December	Week 14th – 20th December	Week 21st – 27th December	Week 28th Dec – 6th January
Chapter 2: **Cells, Tissues and Organs** Exercise A: Q 1, 4 & 7 page 30 Exercise B: Q 2, 4 & 5 page 31	**Chapter 2:** **Cells, Tissues and Organs** Exercise C: Q 1 & 2 page 31	**Chapter 2:** **Cells, Tissues and Organs** Exercise D; Q 1 page 32	**Chapter 2:** **Cells, Tissues and Organs** Exercise E: Q #1 & 4 page 33 Exercise E: Q #2 & 3 page 34		
	Chapter 4: Life Cycle Exercise A: Q 2, 5 & 7 page 55 Exercise B: page 56	**Chapter 4: Life Cycle** Exercise C: Q 2 & 4 page 56 Exercise D: Q 2 page 56		**Chapter 4: Life Cycle** Exercise E: Q 2 page 57	
			Chapter 5: Elements and Compounds Q 1: Copy the table (symbols of elements) on page 60. Q 2: Draw the table (molecule of elements) given on page 63.	**Chapter 5: Elements and Compounds** Exercise A: Q 1, 4, 9 & 12 page 68 Exercise B: page 69	**Chapter 5: Elements and Compounds** Exercise C: Q 3 page # 69 Exercise D: Q 1 & 3 page 69 Exercise E: Q 2, 3 & 4 page 70

WINTER BREAK HOMEWORK – CLASS 7 (GENERAL SCIENCE)

Week 23rd – 29th November	Week 30th Nov – 6th December	Week 7th – 13th December	Week 14th – 20th December	Week 21st – 27th December	Week 28th Dec – 6th January
Chapter 1: Plant System Q1. Draw and label Fig1.5 (transport of food and water in plants) on page # 9. Exercise A: Q # 2, 5, 7 and 10	**Chapter 1: Plant System** Exercise B: Q # 2, 4, and 5 Exercise C: Q # 3 and 5	**Chapter 1: Plant System** Exercise D: Q # 2	**Chapter 1: Plant System** Constructed Response Questions: Q # 1		
	Chapter 2: Human Organ Systems Q1. Copy and label Fig2.2 (human digestive system) on page # 23. Exercise A: Q # 2, 4, 6 and 7	**Chapter 2: Human Organ Systems** Q2. Copy and label Fig2.8 (human heart) on page # 28. Exercise B: Q # 2, 3, and 5		**Chapter 2: Human Organ Systems** Q3. Do the Hands-on activity on page # 29 and write your answer. Exercise C: Q # 1, 3 and 5	**Chapter 2: Human Organ Systems** Exercise D: Q # 3 Constructed Response Questions: Q # 3
			Chapter 4: Structure of an atom Q1. Copy and label Fig4.1 (Structure of a helium atom) on page #51 Exercise A: Q # 1, 3, 6 and 8	**Chapter 4: Structure of an atom** Q2. Do the Hands-on activity on page # 53 and write your answers. Exercise B: Q # 1 and 3	**Chapter 4: Structure of an atom** Q3. Do the Hands-on activity on page # 62 and write your answer. Exercise C: Q # 2 Exercise D: Constructed Response Questions: Q # 1

WINTER BREAK HOMEWORK – CLASS 8 (GENERAL SCIENCE)

Week 23rd – 29th November	Week 30th Nov – 6th December	Week 7th – 13th December	Week 14th – 20th December	Week 21st – 27th December	Week 28th Dec – 6th January
Chapter 1: Human Organ System Q1. Copy and label Fig 1.3 (Vertical section of human brain) on page # 9. Review Questions 1: Q 5, 8,14 & 15 page 29	**Chapter 1: Human Organ System** Q2. Do Activity 1.3 on page # 16 and answer the questions on paper. Review Questions: Q 2 (b) and (e) & 6	**Chapter 1: Human Organ System** Review Questions 1: Q 2, 7, 10 & 11 Review Questions: Q 9 & 10	**Chapter 1: Human Organ System** Review Questions: Q 11 & 18		
	Chapter 3: Biotechnology Review Questions 1: Q 1,2,3 & 4 pages 65 and 66 Review Questions: Q 3	**Chapter 3: Biotechnology** Review Questions 1: Q 1,2,3 & 4 pages 65 and 66 Review Questions: Q 3		**Chapter 3: Biotechnology** Review Questions: Q 7 and 9	
			Chapter 5: Chemical Reactions Q 1: Copy Table 5.1 and Table 5.2 on page 102.	**Chapter 5: Chemical Reactions** Review Questions 1: Q 1,3, 7 & 11 pages 104 and 105 Review Questions: Q 4 and 5	**Chapter 5: Chemical Reactions** Review Questions: Q 3, 6 and 18
Chapter 5: Acids, Alkalis and Salts Q1. Copy Table 6.3 (difference between acids and bases) on page # 128.	**Chapter 5: Acids, Alkalis and Salts** Review Questions 1: Q 2, 4, 6, 10 and 14 pages 130 and 131.				**Chapter 5: Acids, Alkalis and Salts** Review Questions: Q 3, 8 and 16
		Chapter 5: Measurement of Physical Quantities Q1. Copy Table 8.2 (units of mass) on page # 162.	**Chapter 5: Measurement of Physical Quantities** Review Questions 1: Q 2, 4, 6, 8 and 10 pages 170 and 171.	**Chapter 5: Measurement of Physical Quantities** Review Questions: Q 3, 13 and 20	