



17. (a) (i) The first part of the question is about the importance of education. It asks you to discuss the role of education in the development of a country. You should mention how education helps to create a skilled workforce, promotes economic growth, and improves the quality of life. You should also mention that education is a fundamental right for every citizen.

(ii) The second part of the question is about the importance of science. It asks you to discuss the role of science in the development of a country. You should mention how science helps to create new technologies, improves the quality of life, and promotes economic growth. You should also mention that science is a fundamental right for every citizen.

(iii) The third part of the question is about the importance of art. It asks you to discuss the role of art in the development of a country. You should mention how art helps to create a rich cultural heritage, improves the quality of life, and promotes economic growth. You should also mention that art is a fundamental right for every citizen.

(b) (i) The first part of the question is about the importance of education. It asks you to discuss the role of education in the development of a country. You should mention how education helps to create a skilled workforce, promotes economic growth, and improves the quality of life. You should also mention that education is a fundamental right for every citizen.

(ii) The second part of the question is about the importance of science. It asks you to discuss the role of science in the development of a country. You should mention how science helps to create new technologies, improves the quality of life, and promotes economic growth. You should also mention that science is a fundamental right for every citizen.

(iii) The third part of the question is about the importance of art. It asks you to discuss the role of art in the development of a country. You should mention how art helps to create a rich cultural heritage, improves the quality of life, and promotes economic growth. You should also mention that art is a fundamental right for every citizen.



(A) ഏകദേശം 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) ഏകദേശം 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.

66. (A) ഏകദേശം 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) ഏകദേശം 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.

(A) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.

67. (A) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.

68. (A) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.

(A) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്. (B) 100 കോടി രൂപ വിലയിരുത്തുന്ന പദ്ധതികൾക്ക് അനുമതി നൽകിയിട്ടുണ്ട്.



(3) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
 $\frac{d}{dx} x^{-2} = -\frac{2}{x^3}$
 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

(4) $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$
 $\frac{d}{dx} x^{-3} = -\frac{3}{x^4}$
 $\frac{d}{dx} \frac{1}{x^3} = -\frac{3}{x^4}$

(5) $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$
 $\frac{d}{dx} x^{-4} = -\frac{4}{x^5}$
 $\frac{d}{dx} \frac{1}{x^4} = -\frac{4}{x^5}$

(6) $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$
 $\frac{d}{dx} x^{-5} = -\frac{5}{x^6}$
 $\frac{d}{dx} \frac{1}{x^5} = -\frac{5}{x^6}$

(7) $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$
 $\frac{d}{dx} x^{-6} = -\frac{6}{x^7}$
 $\frac{d}{dx} \frac{1}{x^6} = -\frac{6}{x^7}$

73. $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

(A) $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$
 $\frac{d}{dx} x^{-8} = -\frac{8}{x^9}$
 $\frac{d}{dx} \frac{1}{x^8} = -\frac{8}{x^9}$

(B) $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$
 $\frac{d}{dx} x^{-9} = -\frac{9}{x^{10}}$
 $\frac{d}{dx} \frac{1}{x^9} = -\frac{9}{x^{10}}$



(س) مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالىدىغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

(ب) مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

(ج) مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

(د) مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

74. مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

75. مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.

9 نۆمۇر ھۆكۈم

ھۆكۈم مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇل

76. (أ) مەزكۇر قىلىنغان مەسىلىنىڭ ئىشلىتىش ھەققىدە مەسئۇلىيەتنى ئۆز ئىچىگە ئالغان مەسئۇلنىڭ مەسئۇلىيەتنى ئۆز ئىچىگە ئالغانىدىغانلىقىنى ئىسپات قىلىشقا تەييار بولۇشى كېرەك.



(3) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

(4) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1x^0 = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

(1) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^5 = 5x^{5-1} = 5x^4$
 $\frac{d}{dx} x^4 = 4x^{4-1} = 4x^3$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

(2) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^6 = 6x^{6-1} = 6x^5$
 $\frac{d}{dx} x^5 = 5x^{5-1} = 5x^4$
 $\frac{d}{dx} x^4 = 4x^{4-1} = 4x^3$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

(3) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^7 = 7x^{7-1} = 7x^6$
 $\frac{d}{dx} x^6 = 6x^{6-1} = 6x^5$
 $\frac{d}{dx} x^5 = 5x^{5-1} = 5x^4$
 $\frac{d}{dx} x^4 = 4x^{4-1} = 4x^3$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

(4) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^8 = 8x^{8-1} = 8x^7$
 $\frac{d}{dx} x^7 = 7x^{7-1} = 7x^6$
 $\frac{d}{dx} x^6 = 6x^{6-1} = 6x^5$
 $\frac{d}{dx} x^5 = 5x^{5-1} = 5x^4$
 $\frac{d}{dx} x^4 = 4x^{4-1} = 4x^3$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

(5) $\frac{d}{dx} x^n = nx^{n-1}$
 $\frac{d}{dx} x^9 = 9x^{9-1} = 9x^8$
 $\frac{d}{dx} x^8 = 8x^{8-1} = 8x^7$
 $\frac{d}{dx} x^7 = 7x^{7-1} = 7x^6$
 $\frac{d}{dx} x^6 = 6x^{6-1} = 6x^5$
 $\frac{d}{dx} x^5 = 5x^{5-1} = 5x^4$
 $\frac{d}{dx} x^4 = 4x^{4-1} = 4x^3$
 $\frac{d}{dx} x^3 = 3x^{3-1} = 3x^2$
 $\frac{d}{dx} x^2 = 2x^{2-1} = 2x$
 $\frac{d}{dx} x = 1x^{1-1} = 1$
 $\frac{d}{dx} x^0 = 0x^{-1} = 0$

