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Subhash Kuma, Code: 091103

(e) Write the uses of Powidone jodine and B.Pharm. 1st Semester Exam., 2017

SI

(). The unit of radio activity is PHARMACEUTICAL CHEMISTRY-I I an the blanks

(Organic Chemistry)

composition for the Oral Rehydration Time : 3 hours Full Marks : 70 Instructions :

- (i) The marks are indicated in the right-hand margin.
- (ii) There are **MINE** questions in this paper.
- (iii) Attempt FIVE questions in all.
- (iv) Question No. 1 is compulsory.
 - directed any seven the of 1. Answer as $2 \times 7 = 14$ following :
 - Write the principle of the limit test for sulphates.

(b) Hard acids are electron acceptors with high positive charge relatively small sizes and unfilled valence shell orbitals.

(Write True/False)

- Define the terms achlorhydria and , let antacids with at least one example of each term.
 - (d) Define the terms cathartics and astringents with at least one example of each term.

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(Turn Over)

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- (e) Write the uses of Povidone iodine and BAL.
 - (f) The unit of radio activity is _____ and its symbol is _____.

(Fill in the blanks)

- (g) Write the WHO recommended composition for the Oral Rehydration Salts (ORS) powders/solutions.
- (h) Write at least one use of the following : Ferrous sulphate, Sodium acetate, Sodium fluoride, Boric acid
- (i) Which one of the following is antidote?
 - (i) Ammonium carbonate
 - (ii) Sodium nitrite
 - (iii) Antimony potassium tartrate
 - (iv) Sodium citrate
- Which one of the following is systemic antacid?
 - Sodium bicarbonate
 - (ii) Calcium carbonate
 - (iii) Magnesium carbonate
 - (iv) Dihydroxyaluminium sodium carbonate
- 2. (a) Discuss in detail about the different sources of impurities in pharmaceuticals.

Write a short note on buffers.

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(b)

(Continued)

7

7

3. (a) What are radio pharmaceuticals? Write about the gas filled detectors which are commonly used for radiation detection and measurements. 2+7

(3)

(b) Write the preparation and uses of barium sulphate.



What are antacids? Classify the antacids with examples.

- (b) Write about the synonym, preparation and uses of sodium bicarbonate and aluminium hydroxide gel.
- 5. (a) Write the synonym, properties, uses and applications of stannous fluoride and dicalcium phosphate.
 - (b) What are complexing and chelating agents? Discuss it in detail.
- 6. (a) Write about electrolytes used for replacement therapy in brief. 8
 - (b) Explain the physiological ions with examples in detail.
- Discuss the principle, apparatus and method of limit test for the arsenic in detail. 4+4+6

(Turn Over)

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Write short notes on any two of the 8 7 + 7following : belin say our produ

(4)

(a) Iron and haematinics and measuremen

Mineral supplements (b)Write the preparation a

Excipients and lus multiple (c)

9. Write short notes on any two of the 7+7 following : Paralonness diw abbattle

and applications of standons fluoride

Explain the physiological ions with

agenta? Discuss it in debut

7. Discuss the principle/apparatus and method

of limit test for the arreade in detail. 4+4+6

Acids and bases

Gases and vapours (b)

Diluents (c)

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6. (a) Write about

examples in detail.

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