Separation of Substance	es					
<1M> 1.The process used to (A) Sedimentation.	o separate two i (B) Evaporation		ole liquids is - (C) Distillation	.(D) Dec	cantation p	rocess.
2.The process of wind (I) Lighter husk particular (II) Heavy grains fall (III) Husk and wheat (IV) Wheat grains are Which of above senter (A) I only	cles are carried a down in a heap. are evincible. e blown away by	the wir	the wind.	(D) II aı	nd III	
3.The paper used in t (A) Butter paper	he process of fil (B) Plain paper		to separate a ((C) Tissue pap		of sand and (D) Filter p	
4.The process of conv (A) Evaporation.	version of water (B) Condensati	-			n cooling is (D) Decant	
5.The method of han (I) The impurities are (III)The impurities are (A) I and II are correc (C) II and III are corre	large in quantite less in quantity	y. /. (B) II ar	(II)The impurit (IV)The impur nd IV are corre are correct.	ities are	_	
6.Name the method	of separation to	obtain	clear water fro	om mud	dy water?	
7.The process of (A) Condensation	(B) Filtration				salt from s limentation	
8.The separation of t (A) Remove harmful (C) Obtain useful con	and unwanted c	onstitu		tain pur	e sample of	f a substance.
9.What do you under	stand by a mixt	ure?				
10.Name two materia	als used as filter	s.				
11.Which property of	the constituent	ts of a n	nixture is used	in winn	owing.	
12.Define Filtration.						
13.A mixture of rice a (A) Hand picking	•		parated by nowing	(D) Chu	ırning	
14.The method of sie	ving is used to s	eparate	<u>}</u>			

• • • •	Components of different size. Liquid impurities.
15.The process of drying the wheat stalks grains is called (A) Winnowing (B) Threshir	in the sun and then beating them to separate the (C) Churning (D) Sieving
(A) Williowing (b) Thicsini	is (c) charming (b) siconing
16.Which of the following mixtures use fi (i) Salt in water (ii) Tea with (iii) Chalk powder in water (iv) Fruit jui (A) (i), (ii) & (iii) (B) (ii) & (iii) (C) (ce with its pulp
17.Dust particles when mixed with water(A) They react with water.(C) They become heavier when water is p	settle down at the bottom of the container because (B) They are miscible in water. oured on them. (D) None of the above.
(B) Separates wheat from husk (ii) (C) Separates tea leaves from tea (iii)	nswer from the code given below. Filtration Winnowing) Churning Sieving
(A) A- (ii), B-(iii), C-(i), D-(iv) (B) A (C) A- (iii), B-(iv), C-(ii), D-(i) (D) A	
19. When water changes into vapours, the (A) Condensation (B) Heating (C) (e process is called Cooling (D) Evaporation
20.A mixture of salt and water can be sep (A) Evaporation (B) Filtration (C) S	arated by this process sedimentation (D) Handpicking
21. When a mixture of sugar in water can solution is called	not dissolve more of sugar at room temperature, the
(A) Saturated solution(C) Super saturated solution	(B) Unsaturated solution(D) None of the above
22.Condensation is a process when(A) Aliquid changes into its vapours.(C) Ice melts to form water.	(B) The vapours change into liquid.(D) Water freezes to form ice.
23. When muddy water is left undisturbed (i) The mud settles down. (ii) Some mud particles remain floating in (iii) The water can be decanted and separative (iv) The process of filtration can be used to Which of the above is correct?	water. rated.

(A) (iii) & (iv)	(B) (i) Only	(C) (i) & (iv)	(D) All the above
24.The process used t (A) Threshing	o separate grains fror (B) Winnowing	n stalk is (C) Handpickiı	ng (D) Sieving
25.When a glass conta down, this method is	called		the mud is allowed to settle
(A) Decantation	(B) Filtration	(C) Sedimentation	(D) Evaporation
26. When salt water in (A) Boils, sand			is left behind (D) Vaporizes, nothing
27.The strainer to stra (A) Filter (B) Cor	ain tea from tea leave ndenser (C) Bo		urner
28.We need to separa	te the components o	f a mixture because	
(i) Mixtures are useles	SS.		
(ii) Non useful compo	nents need to be sepa	arated from useful one	S.
(iii) Impurities and ha			
(iv) The components a			
(A) (i) only	(B) (ii) & (iii) (C) (iii) & (iv) (D) (iv) only	
29.Match the items of	f column 'A' with the	items of column 'B':	
Column A		Column B	
I. Pulp form fruit juice		(a) Threshing	
II. Sieving		(b) Churning	
III. Butter from milk		(c) Husk from wheat	
IV. Grains from stalks		(d) filtration	
Trans irom stants		(4)	
(A) I - b, II- d, III - a, IV	- c (B) I -	a, II - c, III - b, IV - d	
(C) I - b, II - d, III - c, IV	` '	d, II - c, III - b, IV - a	
		ole solid particles from	a liquid.
(A) Piece of muslin clo			
(C) Both (1) and (2).	(D) None of t	hese.	
31.Salt is obtained fro	m the salt water by ti	he nrocess of-	
(A) Magnetic separati			on. (D) None of these.
(7.1) Triagnetic separati	(5) Decamed:	(0) 21 aportant	(2) (10)10 01 (110)01
32.The property which		•	
(A) Difference in weig	• •	e in size.	
(C) Difference in shap	e. (D) Difference	e in colour.	
33.Decantation is used	d for -		
		different boiling points.	
(B) Separating two im			•

(C) Both (A) and (B). (D) None of these.
34.A mixture of sand and dried leaves can be separated by - (A) Magnetic separation. (B) Hand picking. (C) Winnowing. (D) Sieving.
35.Process used to separate mud from water is- (A) Evaporation. (B) Decantation. (C) Sedimentation. (D) Both (2) and (3).
36.The process of conversion of a liquid into its vapours is called- (A) Evaporation. (B) Filtration. (C) Sublimation. (D) Condensation.
37.Find the odd one out - (A) Chalk powder. (B) Sand. (C) Mud. (D) Sugar.
38.A solid substance is dissolved in water. Which of the following method is used for separating it?
(A) Evaporation. (B) Decantation. (C) Filtration. (D) Sedimentation.
39. The process of settling down of particles of a solid in a liquid is - (A) Sublimation. (B) Sedimentation. (C) Decantation. (D) Filtration.
40. Various substances present in a mixture are called- (A) Elements. (B) Compounds. (C) Atoms. (D) Components.
41.A mixture of corn and husk is separated by - (A) Handpicking. (B) Winnowing. (C) Sieving. (D) Filtration.
42.What is decantation?
43.What is evaporation?
44.What is condensation?
45. Why do we need to separate different substances present in a mixture ?
46.Is it a good practice to sieve flour before consuming it ?
47. Why hand picking method is not used in godowns to remove dirt, stone or husk from the grains of wheat and ricel
48. Which principle is used for separating a mixture of two immiscible liquids.
49.Identify the mixtures from the following : Pickle, Chutney, Jam, Sugar, Water, Common salt.
<2M> 50.Name the method of separation, which is used to obtain salt from seawater. Define that method.

51. What is a saturated solution? How can you dissolve more substance in it?

52. What is sedimentation? Give example. 53. How will you separate sand and water from their mixture? 54. How will you separate husk or dirt particles from pulses before cooking? 55. You are given a mixture of sand and water. How will you separate it? 56. How will you make the muddy water clear? 57. Why do we need to separate different components of a mixture? Give an example 58. What is sieving? Where is it used? 59. How do we separate salt and sand from their mixture? 60. Explain the process of filtration. Give at least two examples where it is used in our daily life 61. How is salt obtained from sea water? 62. What is winnowing? Explain. Where is it used? 63. when do we use the following? a) Threshing b) hand picking c) filtration d)sieving e) sedimentation and decantation 64.Is it possible to separate salt from a solution of salt in water? If yes, how will you do it? 65. What is the need for separation of substances? 66. How common salt is obtained from sea water?

67.what is winnowing? Where is it used?