



RAJARSHI SHAHU COLLEGE OF PHARMACY, BULDANA.

Certificate course on

“Importance of In-Process Quality Control (IPQC) in Pharmaceutical Industry

Question Paper

1 Technology transfer is

- A) Purpose oriented B) process -oriented
C) Technology-oriented D) commercial-oriented

2 Which of the following guideline provides principles for QRM

- A) Q8 B) Q9 C) Q10 D) Q11

3 For which of the following industry humid climate is helpful

- A) cotton B) steel C) light bulb D) automobile

4 Tablets place under the tongue where they dissolve and disintegrate

- A) Enteric coated tablet B) Dispensing tablet
C) Chewable tablet D) sublingual tablets

5 According to BCS classification, the drugs having low solubility and high permeability are classified in

- A). Class I B) Class II C) Class III D) class IV

6 Who is the father of quality evaluation?

- A) Dr. W Edward Deming B) John Ruskin C) Armand Feigenbaum D) Joseph M. Juran

7 Aerosil is used as

- A) Glidant B) Lubricant C) Antiadherent D) None

8 Other than tablet hardness, which method is used to measure the tablet strength?

- A) thickness B) variation C) Friability D) organoleptic parameters

9 How many tablets required for content uniformity test?

- A) 10 B) 20 C) 30 D) 40

10 Hardness of tablet is measure by

- A) Pfizer's Hardness Tester B) Strong Cobb
C) Erweka Hardness Tester D) all of the above

11 One of the following is not the cause of the weight variation in tablets

- A) Granule size & size distribution B) poor flow
C) punch variation D) High concentration of binder

12 Which of the one is not an official Test in Indian Pharmacopoeia?

- A) Hardness B) uniformity of weight
C) Disintegration D) content uniformity

13 % deviation limit for Weight variation for tablet weight 80-250 mg?

- A) 10 % B) 2% C) 5% D) 7.5%

14 Disintegration Time of Effervescent Tablet?

- A) <1min B) <3min C) 50min D) 30 min

15 Temperature of Dissolution Test Apparatus?



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- A) $37 \pm 0.2^\circ\text{C}$ B) $35 \pm 2^\circ\text{C}$ C) $37 \pm 0.5^\circ\text{C}$ D) $37 \pm 0.5^\circ\text{C}$

16 How many tablets take when tablet weight above 650 Mg in Friability testing?

- A) 8 B) 10 C) 12 D) 15

17 Which of the following type of dissolution medium is suitable for Basic drugs?

- A) water B) Acidic C) Basic D) Any of these

18 _____ measures the degree of force needed to fracture a tablet

- A) Friability test B) Crushing strength test
C) Disintegration test D) all of the above

19 Oral tablets normally have a hardness of ____ kg.

- A) 2-4 B) 4-10 C) 20-24 D) 1-2

20 Acceptable tablet disintegration time for uncoated tablet

- A) 30-60 minutes B) 10-30 minutes C) 40-65 minutes D) 20-60 Minutes

21 Oral tablet normally have a hardness of kg

- A) 2-4 B) 4-10 C) 20-24 D) 1-2

22 Measures the degree of force needed to fracture a tablet

- A) Friability test B) Crushing strength test C) Disintegration test D) All of the above

23 Types of TT involves

- A) Vertical B) Horizontal C) A&B both D) None

24 NDA takes

- A) 12 years B) 15 years C) 10 Years D) 5 years

25 Design space includes

- A) Variables and process parameters B) Attributes C) DMF D) Process parameter



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Answer Key:

Sr No	Answer	Sr No	Answer
1	A	14	B
2	B	15	C
3	A	16	B
4	D	17	B
5	B	18	B
6	A	19	B
7	A	20	B
8	C	21	B
9	C	22	B
10	D	23	C
11	D	24	C
12	A	25	A
13	D		

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Assessment list			
Sr No	Name of Student	Year	Marks (25)
1.	Akshay Sanjay Mahalle	Third Year	20
2.	Akshay Sukhadev Tikhe	Third Year	21
3.	Amitkumar Kedarnath Tawari	Third Year	20
4.	Anil Vishnu Sawant	Third Year	18
5.	Ankush Arun Sapkal	Third Year	19
6.	Ankush Prakash Kharche	Third Year	16
7.	Ashish Ashok Sapkal	Third Year	20
8.	Ashish Sheshrao Parhad	Third Year	18
9.	Avikumar Parmeshwar Sapkal	Third Year	19
10.	Chandrakant Hiranman Mundphale	Third Year	20
11.	Dhananjay Rameshwar Nikas	Third Year	19
12.	Dhiraj Devidas Nikam	Third Year	21
13.	Dnyaneshwar Dinkar Wagh	Third Year	16
14.	Gaurav Gautam Manwar	Third Year	18
15.	Gyaneshwar Gajanand Farkale	Third Year	19
16.	Jay Rameshwar Jwanjal	Third Year	18
17.	Jivan Vaman Gadekar	Third Year	19
18.	Krushnakant Ramesh Nawkar	Third Year	21
19.	Ku. Ashwini Amol Pawar	Third Year	22
20.	Ku. Ashwini Vijay Dharmal	Third Year	23
21.	Ku. Dhanashri Gajanan Kulkarni	Third Year	21
22.	Ku. Dhanshri Gyandeo Gaikwad	Third Year	19
23.	Ku. Harshada Pradeep Kanadje	Third Year	18
24.	Ku. Jyoti Pralhad Chipade	Third Year	19
25.	Ku. Kalpana Changdev Karhad	Third Year	17
26.	Ku. Kalyani Ankush Ghadge	Third Year	19
27.	Ku. Kalyani Vikas Gawande	Third Year	18
28.	Ku. Maya Gajanan Patil	Third Year	19
29.	Ku. Mrunal Dnyandeo Alhat	Third Year	19
30.	Ku. Nayana Vasant Patil	Third Year	18
31.	Ku. Nishigandha Gajanan Kakade	Third Year	21
32.	Ku. Pallavi Sanjay Davhale	Third Year	21
33.	Ku. Pallavi Vijay Sarkate	Third Year	21
34.	Ku. Pooja Bhaskar Shedmake	Third Year	21
35.	Ku. Poonam Sadanand Hiwale	Third Year	19
36.	Ku. Priti Harichandra Jadhao	Third Year	19
37.	Ku. Priti Vijay Nimse	Third Year	18
38.	Ku. Priya Ravindra Sawale	Third Year	19
39.	Ku. Priya Singh Durgaprasad Singh	Third Year	21
40.	Ku. Priyanka Dashrath Sable	Third Year	19
41.	Ku. Priyanka Durgadas Ingle	Third Year	22
42.	Ku. Priyanka Ganesh Ingle	Third Year	19
43.	Ku. Renuka Krishna Kamble	Third Year	20
44.	Ku. Roshani Nivrutti Helge	Third Year	20
45.	Ku. Rutuja Vinodrao Sonare	Third Year	20

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46.	Ku. Sarika Dnyaneshwar Johari	Third Year	19
47.	Ku. Shubhangi Pandhari Nikas	Third Year	19
48.	Ku. Sonali Anant Belpatre	Third Year	21
49.	Pranav Shrikrushna Bonde	Third Year	21
50.	Pratik Chandrabhan Dalal	Third Year	19
51.	Pravinkumar Lalsing Salok	Third Year	19
52.	Rahul Pratap Rathod	Third Year	19
53.	Sachin Vijay Sangle	Third Year	19
54.	Shaikh Aqueel Shaikh Ameen	Third Year	18
55.	Shrikrushna S Girhe	Third Year	19
56.	Shriram Nandikishor Gaikwad	Third Year	19
57.	Vaibhav Pankajkumar Totala	Third Year	19
58.	Vicky Sanjay Ambilkar	Third Year	19
59.	Vijay Gajanan Khandare	Third Year	19
60.	KU. Mohin Narayan Ingle	Third Year	19
61.	KU. Pooja Santosh Gawali	Third Year	19
62.	KU. Pratiksha Ashok Ubarhande	Third Year	21
63.	Shekh Sikandar Mukhtar	Third Year	19
64.	Shamsundar Ganesh Jangle	Third Year	19
65.	Shivam Diliprao Bhuskat	Third Year	19

(Dr. V.N.Sancheti)
Coordinator

Principal
Rajarshi Shahu College of Pharmacy,
Buldana.

(Dr. S. P. Jain)
Principal



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