

VOP - Scientific Asst. (Instruments) - GC

- 1 Total Quality Management emphasizes
 - [A] the responsibility of the Quality Control staff to identify and solve all quality related problems
 - [B] a commitment to quality that goes beyond internal company issues to suppliers and customers
 - [C] a system where strong managers are the only decision makers
 - [D] a process where mostly statisticians get involved
- 2 Kaizen is a Japanese term meaning
 - [A] a foolproof mechanism
 - [B] Just-in-time (JIT)
 - [C] a fishbone diagram
 - [D] continuous improvement
- 3 The philosophy of zero defects is
 - [A] unrealistic
 - [B] prohibitively costly
 - [C] is idealistic, 1 to 2% defects acceptable
 - [D] consistent with the commitment to continuous improvement
- 4 Pareto charts are used to
 - [A] identify inspection points in a process
 - [B] outline production schedules
 - [C] organize errors, problems or defects
 - [D] show material flow
- 5 A fishbone diagram is also known as a
 - [A] cause-and-effect diagram
 - [B] poka-yoke diagram
 - [C] Kaizen diagram
 - [D] mind map
- 6 As per the ISO 17025 standard, the management and technical personnel in a laboratory shall have the necessary ----
 - [A] confidence
 - [B] authority and resources
 - [C] instrumentation
 - [D] independence
- 7 Document control in quality system practice means
 - [A] that documents are made available only to selected personnel
 - [B] methods to reduce the paper use there by protecting the environment
 - [C] that documents are identified, authorized and reviewed
 - [D] that documents are always made available to all personnel involved in quality system maintenance
- 8 ISO stands for
 - [A] International standards organization
 - [B] International organization of standards
 - [C] International organization for standardization
 - [D] International standardization organization
- 9 Quality is the degree to which a set of inherent characteristics fulfil -----
 - [A] Needs
 - [B] Requirements
 - [C] Specifications
 - [D] Purposes
- 10 ISO Standard which is specific to accreditation of Clinical Laboratory is -----
 - [A] 9001
 - [B] 17025
 - [C] 15189
 - [D] 13485
- 11 ISO Standard which is specific to Medical Device Manufacturing is -----
 - [A] 9001
 - [B] 17025
 - [C] 15189
 - [D] 13485
- 12 In PDCA, A stands for -----
 - [A] Act
 - [B] Audit
 - [C] Assess
 - [D] Access
- 13 Which of the following is not a clause of ISO13485
 - [A] Corrective action
 - [B] Preventive action
 - [C] Continual improvement
 - [D] Purchasing
- 14 A control chart displays
 - [A] Whether workers are motivated
 - [B] Top management takes interest in quality
 - [C] Inspectors are doing their job
 - [D] Process variability
- 15 QFD is the way to
 - [A] Fix typing errors
 - [B] Fix sampling plans
 - [C] Conduct quality circle
 - [D] Develop product specs

- 16 Fishbone diagrams are drawn
 [A] To find customer needs [B] To find the cost of quality
 [C] To brainstorm causes of an effect [D] To screen workers' suggestions
- 17 Approximate number of errors/million as per Six Sigma is
 [A] 3.4 [B] 34 [C] 340 [D] 3400
- 18 Quality policy statement is issued under the authority of -----
 [A] Top management [B] Authorized Personnel
 [C] Quality Manager [D] Any quality conscious personnel in the organization
- 19 Which one of the following is not one among the 5Ms of management
 [A] Man [B] Methods [C] Machinery [D] Maintenance
- 20 Which one of the quality attributes is not addressed explicitly in ISO 17025?
 [A] Traceability in measurements [B] Safety during operations
 [C] Auditing of the activities [D] Equipment management
- 21 Internal Audit is a ----- finding mission
 [A] fact [B] fault [C] feature [D] liability
- 22 Audit on extent to which the documented quality system is being practiced is -----
 [A] compliance audit [B] adequacy audit [C] virtual audit [D] external audit
- 23 Accreditation by CQFAC is valid for ----- years
 [A] two [B] three [C] four [D] five
- 24 A chemical which crossed the stated expiry date was found in the rack in a laboratory during internal audit. The technical manager of the laboratory instructed the staff to check the expiry date of all chemicals stored in the laboratory and discard those chemicals which are expired. This activity could be classified as a -----
 [A] immediate reaction [B] preventive action [C] corrective action [D] correction
- 25 A chemical which crossed the stated expiry date was found in the rack in a laboratory during internal audit. The technical manager of the laboratory instructed the staff to discard the chemical which had crossed its expiry date. This activity could be classified as a -----
 [A] immediate reaction [B] preventive action [C] corrective action [D] correction
- 26 During a laboratory meeting, one of the employees suggested that there is a possibility of using chemicals which has crossed its expiry date, as there was no mechanism to routinely check the expiry date of the chemicals. The technical manager instructed a person to document the expiry date of all chemicals in Excel worksheet, monitor and alert the users on a weekly basis. This activity could be classified as a -----
 [A] immediate reaction [B] preventive action [C] corrective action [D] correction
- 27 Audit carried out by an accreditation agency is
 [A] first party audit [B] second party audit [C] third party audit [D] customer audit
- 28 First edition of ISO 17025 was published in the year -----
 [A] 1998 [B] 1999 [C] 2000 [D] 2001
- 29 As per ISO 17025, all documents issued to personnel in the laboratory as part of the management system shall be reviewed and approved for use by the ----- prior to issue.
 [A] top management [B] authorized personnel [C] Quality Manager [D] any personnel
- 30 A clause of ISO 17025 which is not being practiced at BMT Wing -----
 [A] Complaints [B] Improvement [C] Service to Customers [D] Subcontracting
- 31 Laboratory shall establish and maintain procedures for -----, collection, indexing, access, filing, storage, maintenance and disposal of quality and technical records
 [A] Naming [B] Archiving [C] Editing [D] Identification
- 32 Personnel performing specific tasks shall be qualified on the basis of appropriate education, -----, experience and/or demonstrated skills, as required.
 [A] Coaching [B] Practice [C] Performance [D] Training

- 33 ISO 9000 seeks standardization in terms of
 [A] products [B] production procedures
 [C] suppliers' specifications [D] procedures to manage quality
- 34 Which of the following is true about ISO 14000 certification?
 [A] it is a prerequisite for ISO 9000 certification [B] it has higher level of adherence to standards
 [C] it is only sought by companies exporting their goods [D] it deals with environmental management
- 35 The process of identifying other organizations that are best at some facet of your operations and then modeling your organization after them is known as
 [A] continuous improvement [B] employee empowerment
 [C] benchmarking [D] copycatting
- 36 Among the tools of TQM, the tool ordinarily used to aid in understanding the sequence of events through which a product travels is a
 [A] Pareto chart [B] Flow chart [C] check sheet [D] Taguchi map
- 37 The 'father' of statistical quality control is:
 [A] F. W. Taylor [B] Joseph M. Juran [C] Walter Shewhart [D] Scot Walter
- 38 The promoter of PDCA cycle is -----
 [A] Juran [B] Deming [C] Ishikawa [D] Taguchi
- 39 Total number of clauses in ISO/IEC 17025
 [A] 24 [B] 25 [C] 26 [D] 27
- 40 Accreditation number given by COFRAC to BMT Wing is
 [A] 1-1433 [B] 1-11433 [C] 1-14433 [D] 1-13433
- 41 In SMART objective, R stands for
 [A] Reasonable [B] Rational [C] Rapport [D] Realistic
- 42 The apex document in the Institute's quality system is
 [A] Quality policy [B] Quality Manual [C] System Procedures [D] Annual report
- 43 COFRAC awarded the accreditation to the testing services of the Institute in the year -----
 [A] 1999 [B] 2001 [C] 2003 [D] 2005
- 44 The calibration services of the BMT Wing are accredited for which segments?
 [A] Electrical & Thermal [B] Thermal & Mechanical [C] Mechanical & Electrical [D] Electrical & Thermal
- 45 Year of the latest revision of ISO 9001
 [A] 2000 [B] 2005 [C] 2008 [D] 2011
- 46 Only post required to be defined by ISO 17025
 [A] Technical Manager [B] Quality Manager
 [C] Customer Manager [D] Management Representative
- 47 Validation normally addresses -----
 [A] fitness for purpose [B] quality of process [C] delays in supply [D] TQM
- 48 Uncertainty estimation is associated with
 [A] statistical process control [B] process perturbation analysis
 [C] calibration and measurements [D] SWOT analysis
- 49 Auditors are expected to provide ----- evidence
 [A] Realistic [B] Subjective [C] Objective [D] Documentary
- 50 During an internal audit, the following observation was made. A test report TRLXX023.Y14 was found to report the residual ethylene oxide concentration as 4.5 µg/ml instead of 4.5 ng/ml. The report was correct in all respects except this typographic error. The appropriate nonconformity assigned for this finding could be
 [A] Major [B] Minor [C] Observation [D] no findings is reported

WRITTEN TEST FOR VOP FOR THE POST OF SCIENTIFIC ASST(QMS)

Answer Keys

1 B
2 D
3 D
4 C
5 A
6 B
7 C
8 C
9 B
10 C
11 D
12 A
13 C
14 D
15 D
16 C
17 A
18 A
19 D
20 B
21 A
22 A
23 D
24 C
25 D

26 B
27 C
28 B
29 B
30 D
31 D
32 D
33 D
34 D
35 C
36 B
37 C
38 B
39 B
40 A
41 D
42 B
43 C
44 B
45 C
46 B
47 A
48 C
49 C
50 A