

## 53 Cloud Computing

|         | WorldSkills Occupational Sta                |
|---------|---|
| Section | WSOS Marks                                  |
| 1       | Work organization and management            |
| 2       | Communication and interpersonal skills      |
| 3       | Problem solving, innovation, and creativity |
| 4       | Security                                    |
| 5       | Reliability, scalability, and elasticity    |
| 6       | Performance and optimization                |
| 7       | Operational considerations                  |

|    |                   | Criteria |
|----|-------------------|----------|
| ID |                   | Name     |
| Α  | Cost Optimization | _        |



| В | Operation Excellence   |
|---|------------------------|
| С | Security               |
| D | Reliability            |
| Е | Performance Efficiency |
| F | Sustainability         |
| G |                        |
| Н |                        |
| I |                        |

| Sub<br>Criterion<br>ID | Name or Description       | Day of<br>Marking | Aspect Type M = Meas J = Judg | Aspect - Description  | Judg<br>Score |
|------------------------|---------------------------|-------------------|-------------------------------|---|---------------|
| A1                     | Cost Optimization - Day 1 | 1                 | N                             | Datic of averall load to infrastructure develorment since   |               |
|                        |                           |                   |                               | Ratio of overall load to infrastructure deployment size Ratio of overall load to infrastructure deployment size |               |
|                        |                           |                   |                               | Ratio of overall load to infrastructure deployment size   |               |
|                        |                           |                   | М                             | Use of application caching solution.  |               |
| A2                     | Cost Optimization - Day 2 | 2                 |                               |   |               |
|                        |                           |                   |                               | Ratio of overall load to infrastructure deployment size   |               |
|                        |                           |                   |                               | Ratio of overall load to infrastructure deployment size   |               |
|                        |                           |                   |                               | Ratio of overall load to infrastructure deployment size   |               |
|                        |                           |                   | М                             | Use of application caching solution.  |               |
|                        |                           |                   |                               |   |               |



| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description                           | Day of<br>Marking | Aspect Type M = Meas J = Judg             | Aspect - Description  | Judg<br>Score |
|------------------------|--|-------------------|---|---|---------------|
| B1<br>B2               | Operational Excellence - Day 1  Operational Excellence - Day 2 | 2                 | M<br>M<br>M<br>M<br>M<br>M                | Recover more easily from both unintended user actions and appl Convenient to troubleshoot network problems Effient way to categorize resources in different ways Shorten system boot time Cloudwatch Alarm to monitor instance status  Recover more easily from both unintended user actions and appl Convenient to troubleshoot network problems Effient way to categorize resources in different ways Use network sharing file system Sufficient logging for key EKS components |               |
| В3                     | Operational Excellence - Day 3                                 | 3                 | M<br>M<br>M<br>M<br>M<br>M<br>M<br>M<br>M | Cloudwatch Alarm to monitor instance status  Challenge1 Challenge1 Challenge1 Challenge2 Challenge2 Challenge2 Challenge2 Challenge3 Challenge3 Challenge3 Challenge3 Challenge3 Challenge3   |               |
| В4                     | Operational Excellence - Day 4                                 | 4                 | M<br>M<br>M<br>M                          | Challenge4 Challenge4 Challenge4 Challenge4 Challenge4  |               |



| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description | Day of<br>Marking | Aspect Type M = Meas J = Judg   | Aspect - Description  | Judg<br>Score    |
|------------------------|--------------------------------------|-------------------|---------------------------------|---|------------------|
| C1                     | Security - Day 1                     | 1                 | M<br>M<br>M<br>M<br>M<br>J      | Assign resources least-privilege security policies and permissions Assign resources least-privilege security policies and permissions Database security Better isolation for computing instances Data encryption Data encryption in flight Assign resources least-privilege security policies and permissions | 3<br>2<br>1<br>0 |
| C2                     | Security - Day 2                     | 2                 | M<br>M<br>M<br>M<br>M<br>J      | Assign resources least-privilege security policies and permissions Assign resources least-privilege security policies and permissions Data encryption Limit the impact in the case of a leaked secret API server endpoint access Data encryption in flight ECR security configration                          |                  |
| C3                     | Security - Day 3                     | 3                 | M<br>M<br>M<br>M<br>M<br>M<br>M | Challenge5 Challenge5 Challenge5 Challenge5 Challenge6 Challenge6 Challenge6 Challenge6 Challenge6 Challenge6 Challenge7  | 0                |



| C4                     | Security - Day 4                     | 4                 | M<br>M<br>M<br>M<br>M<br>M<br>M<br>M<br>M<br>M | Challenge7 Challenge8 Challenge8 Challenge8 Challenge8 Challenge8 Challenge9 Challenge9 Challenge9 Challenge9 Challenge9 Challenge10 Challenge10 Challenge10 Challenge10 Challenge10   |                  |
|------------------------|--------------------------------------|-------------------|--|--|------------------|
| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description | Day of<br>Marking | Aspect Type M = Meas J = Judg                  | Aspect - Description   | Judg<br>Score    |
| D1                     | Reliability - Day 1                  | 1                 | M<br>M<br>M<br>M<br>M<br>J                     | Better isolation and reduce blast radius Application able to serve public traffic across multiple local netwo Efficiently distributing incoming network traffic Transaction timeout response rate per day Data Reliability Computing instances reliability and scalability | 3<br>2<br>1<br>0 |
| D2                     | Reliability - Day 2                  | 2                 | M<br>M<br>M                                    | Better isolation and reduce blast radius<br>Application able to serve public traffic across multiple local netwo<br>Efficiently distributing incoming network traffic<br>Transaction timeout response rate per day   |                  |



| D3                     | Reliability - Day 3 Reliability - Day 4 | 3                 | M<br>J<br>M<br>M<br>M<br>M<br>M<br>M<br>M | Data Reliability Computing instances reliability and scalability  Challenge11 Challenge11 Challenge11 Challenge11 Challenge12 Challenge12 Challenge12 Challenge12 Challenge13 Challenge13 Challenge13 Challenge13 Challenge13 Challenge13 Challenge13 Challenge13 Challenge13  | 3<br>2<br>1<br>0 |
|------------------------|---|-------------------|---|--|------------------|
| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description    | Day of<br>Marking | Aspect Type M = Meas J = Judg             | Aspect - Description   | Judg<br>Score    |
| E1                     | Performancre Efficiency - Day 1         | 1                 | M<br>M<br>M<br>M<br>M<br>J                | Daily overall response time average Percentage of messages accepted for process >=90% (Availabili Percentage of messages accepted for process >=80% (Availabili Percentage of messages accepted for process >=70% (Availabili Percentage of messages accepted for process >=60% (Availabili Percentage of messages accepted for process >=30% (Availabili Percentage of messages accepted for process >=30% (Availabili Overall performance measured by system score board |                  |



| E2 | Performancre Efficiency - Day 2 | 2 | M<br>M<br>M<br>M<br>M<br>M      | Daily overall response time average Add exception handling to simplify the flow of control Percentage of messages accepted for process >=90% (Availabili Percentage of messages accepted for process >=80% (Availabili Percentage of messages accepted for process >=70% (Availabili Percentage of messages accepted for process >=60% (Availabili Percentage of messages accepted for process >=30% (Availabili Percentage of messages accepted for process >=30% (Availabili Overall performance measured by system score board | 3<br>2<br>1           |
|----|---------------------------------|---|---------------------------------|---|-----------------------|
| E3 | Performancre Efficiency - Day 3 | 3 | M<br>M<br>M<br>J                | Challenge14 Challenge14 Challenge14 Challenge14 Challenge14 Overall performance measured by system score board  | 0<br>3<br>2<br>1      |
| E4 | Performancre Efficiency - Day 4 | 4 | M<br>M<br>M<br>M<br>M<br>M<br>J | Challenge15 Challenge15 Challenge15 Challenge15 Challenge16 Challenge16 Challenge16 Challenge16 Overall performance measured by system score board  | 0<br>3<br>2<br>1<br>0 |



| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description          | Day of<br>Marking | Aspect Type M = Meas J = Judg | Aspect - Description  | Judg<br>Score |
|------------------------|---|-------------------|-------------------------------|---|---------------|
|                        | Sustainability - Day 3 Sustainability - Day 4 | 4                 | M<br>M<br>M<br>M<br>M         | Challenge17 Challenge17 Challenge17 Challenge17 Challenge18 Challenge18 Challenge18 Challenge18 Challenge18 Challenge18 |               |
| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description          | Day of<br>Marking | Aspect Type M = Meas J = Judg | Aspect - Description  | Judg<br>Score |
| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description          | Day of<br>Marking | Aspect Type M = Meas J = Judg | Aspect - Description  | Judg<br>Score |
| Sub<br>Criterion<br>ID | Sub Criterion<br>Name or Description          | Day of<br>Marking | Aspect Type M = Meas J = Judg | Aspect - Description  | Judg<br>Score |





| ndards |               |                 |           |
|--------|---------------|-----------------|-----------|
|        | WSOS<br>Marks | Aspect<br>Marks | Variation |
|        | 10.00         | 11.00           | 1.00      |
|        | 10.00         | 7.00            | 3.00      |
|        | 20.00         | 18.00           | 2.00      |
|        | 20.00         | 22.00           | 2.00      |
|        | 20.00         | 18.00           | 2.00      |
|        | 10.00         | 13.00           | 3.00      |
|        | 10.00         | 11.00           | 1.00      |
|        | Total V       | ariation        | 14.00     |

| Mark  |
|-------|
| 10.00 |



20.00 25.00 18.00 22.00 5.00

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)   | Requirement<br>(Measurement<br>Only) | WSOS<br>Section  | Calculation<br>Row<br>(Export only) | Max<br>Mark                  |
|--|--------------------------------------|------------------|-------------------------------------|------------------------------|
| Ratio of recommended deployment size to actual. Full ma<br>Ratio of recommended deployment size to actual. Full ma<br>Ratio of recommended deployment size to actual. Full ma<br>Has CloudFront been configured? |                                      | 3<br>3<br>3<br>2 |                                     | 0.50<br>1.00<br>1.50<br>2.00 |
| Ratio of recommended deployment size to actual. Full ma<br>Ratio of recommended deployment size to actual. Full ma<br>Ratio of recommended deployment size to actual. Full ma<br>Has CloudFront been configured? |                                      | 3<br>3<br>3<br>2 |                                     | 0.50<br>1.00<br>1.50<br>2.00 |

Criterion A Total Mark 10.00



| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement<br>(Measurement<br>Only) | WSOS<br>Section | Calculation<br>Row<br>(Export only) | Max<br>Mark | Criterion B | Total<br>Mark | 20.00 |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|-------------|---------------|-------|
| Is S3 bucket versioning enabled ?  | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Is VPC flow log enabled ?  | Yes/No                               | 7               |                                     | 1.00        |             |               |       |
| Is EC2 instance tagged ?   | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Is there any self baked AMI ?  | Yes/No                               | 7               |                                     | 1.00        |             |               |       |
| Has Cloudwatch alarm defined mean full marks, No Cloud                             |                                      | 7               |                                     | 1.00        |             |               |       |
| Is S3 bucket versioning enabled ?  | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Is VPC flow log enabled ?  | Yes/No                               | 7               |                                     | 1.00        |             |               |       |
| Is EC2 instance tagged ?   | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Is EFS used?   | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Is there at least 1 EKS logging type exsiting?                                     | Yes/No                               | 7               |                                     | 0.50        |             |               |       |
| Has Cloudwatch alarm defined mean full marks, No Cloud                             |                                      | 7               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All (                          | Yes/No                               | 1               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2                             | Yes/No                               | 1               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1                              | Yes/No                               | 1               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu                            |                                      | 1               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All (                          |                                      | 2               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2                             |                                      | 2               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1                              |                                      | 2               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu                            |                                      | 2               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All (                          |                                      | 3               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2                             |                                      | 3               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1                              |                                      | 3               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu                            | Yes/No                               | 3               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All 0                          |                                      | 7               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2                             |                                      | 7               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1                              |                                      | 7               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu                            | Yes/No                               | 7               |                                     | 1.00        |             |               |       |
|  |                                      |                 |                                     |             |             |               |       |



| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)   | Requirement<br>(Measurement<br>Only) | WSOS<br>Section | Calculation<br>Row<br>(Export only) | Max<br>Mark | Criterion C | Total<br>Mark | 25.00 |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|-------------|---------------|-------|
| Is there less than 2 securiy groups having ingress rule whi  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is there securiry group open port 22 to internet?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is DynamoDB encryption enabled?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is EC2 (besides bastion host) in private subnets?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is S3 bucket encryption enabled ?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| HTTPS URL submitted mean full marks, HTTP URL subm   |                                      | 4               |                                     | 0.50        |             |               |       |
| All services (S3 and instances) are utilizing defined and re<br>Only Instances are utilizing defined security policies<br>Only S3 are utilizing defined security policies<br>No definied security policies |                                      | 4               |                                     | 0.50        |             |               |       |
| Is there less than 2 securiy groups having ingress rule whi  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is there securiry group open port 22 to internet?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Is S3 bucket encryption enabled ?  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Secret rotation enabled for the secrets in secret manager  |                                      | 4               |                                     | 0.50        |             |               |       |
| API server endpoint access (public & private)  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| HTTPS URL submitted mean full marks, HTTP URL subm   |                                      | 4               |                                     | 0.50        |             |               |       |
|  |                                      | 4               |                                     | 0.50        |             |               |       |
| ECR image tag immutable, Image scanning, Encryption (3 ECR image tag immutable, Image scanning, Encryption (2 ECR image tag immutable, Image scanning, Encryption (1 No definied security policies         |                                      |                 |                                     |             |             |               |       |
| Completed Less than all Clues used mean full marks, All (  | Yes/No                               | 3               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2   |                                      | 3               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1  | Yes/No                               | 3               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu  |                                      | 3               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All C  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |
| Completed <= 2 Clues used mean full marks, more than 2   |                                      | 4               |                                     | 0.50        |             |               |       |
| Completed <=1 Clues used mean full marks, more than 1  | Yes/No                               | 4               |                                     | 1.00        |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 clu  | Yes/No                               | 4               |                                     | 1.00        |             |               |       |
| Completed Less than all Clues used mean full marks, All C  | Yes/No                               | 4               |                                     | 0.50        |             |               |       |

Sheet: CIS Marking Scheme Import
File: WSC2022SE\_53\_Cloud\_Computing\_marking\_scheme.xlsx



| Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clues used Less than all Clues used mean full marks, more than 2 Completed <= 2 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed Less than all Clues used mean full marks, more than 2 Completed <= 2 Clues used mean full marks, more than 2 Completed <= 2 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clues Completed <= 2 Clues used mean full marks, more than 1 Completed <= 2 Clues used mean full marks, more than 2 Completed <= 1 Clues used mean full marks, more than 1 Completed <= 1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 1 Clues used mean full marks, more than 2 Clues used mean full marks, more than 2 Clues used mean full marks than 2 Clues used mean full marks than 2 Clues used mean full | Yes/No | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 |                                     | 0.50<br>1.00<br>1.00<br>0.50<br>0.50<br>1.00<br>0.50<br>0.50 |             |               |       |
|---|--|---|-------------------------------------|--|-------------|---------------|-------|
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)  | Requirement<br>(Measurement<br>Only)   | WSOS<br>Section                                     | Calculation<br>Row<br>(Export only) | Max<br>Mark  | Criterion D | Total<br>Mark | 18.00 |
| Are there multiple subnets in application deployment? Is ALB used ? Total network request timeouts< 10% receives full marks;  | Yes/No<br>Yes/No<br>Yes/No<br>Check timeout rate<br>Yes/No   | 5 5 5 5 5   |                                     | 0.50<br>0.50<br>0.50<br>1.00<br>1.00                         |             |               |       |
| Are there multiple subnets in application deployment?   | Yes/No<br>Yes/No<br>Yes/No<br>Check timeout rate   | 5<br>5<br>5<br>5                                    |                                     | 0.50<br>0.50<br>0.50<br>1.00                                 |             |               |       |

Sheet: CIS Marking Scheme Import
File: WSC2022SE\_53\_Cloud\_Computing\_marking\_scheme.xlsx

Version: Date:



| Has RDS backup been configured?  | Yes/No                               | 5<br>5                |                                     | 1.00<br>1.00                                 |             |               |       |
|--|--------------------------------------|-----------------------|-------------------------------------|--|-------------|---------------|-------|
| ASG used and has target tracing policy and scale based ASG used and has target tracing policy ASG is used ASG not used                               | o                                    |                       |                                     |  |             |               |       |
| Completed Less than all Clues used mean full marks, All  | Yes/No                               | 5                     |                                     | 0.50   |             |               |       |
| Completed <= 2 Clues used mean full marks, more than   |                                      | 5                     |                                     | 0.50   |             |               |       |
| Completed <=1 Clues used mean full marks, more than  |                                      | 5                     |                                     | 1.00   |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 c  | lu Yes/No                            | 5                     |                                     | 1.00   |             |               |       |
| Completed Less than all Clues used mean full marks, All  |                                      | 5                     |                                     | 0.50   |             |               |       |
| Completed <= 2 Clues used mean full marks, more than   |                                      | 5                     |                                     | 0.50   |             |               |       |
| Completed <=1 Clues used mean full marks, more than  |                                      | 5                     |                                     | 1.00   |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 c<br>Completed Less than all Clues used mean full marks, All                                     |                                      | 5<br>5                |                                     | 1.00<br>0.50                                 |             |               |       |
| Completed <= 2 Clues used mean full marks, more than   |                                      | 5                     |                                     | 0.50   |             |               |       |
| Completed <= 1 Clues used mean full marks, more than   |                                      | 5                     |                                     | 1.00   |             |               |       |
| Completed 0 Clues used mean full marks, more than 0 c  |                                      | 5                     |                                     | 1.00   |             |               |       |
|  |                                      |                       |                                     |  |             |               |       |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)   | Requirement<br>(Measurement<br>Only) | WSOS<br>Section       | Calculation<br>Row<br>(Export only) | Max<br>Mark                                  | Criterion E | Total<br>Mark | 22.00 |
| If less than 4 seconds mean full marks Availability >90% Availability 80% ~ 90% Availability 70% ~ 80% Availability 60% ~ 70% Availability 30% ~ 60% | < 4 seconds                          | 6<br>6<br>6<br>6<br>6 |                                     | 0.50<br>0.50<br>0.50<br>0.50<br>0.50<br>0.50 |             |               |       |
| Players 1 to 3 on the score board get 1.5 point Players 4 to 6 on the score board get 1 point Players 7 and 8 on the score board get 0.5 point       |                                      | 6                     |                                     | 1.50   |             |               |       |

Sheet: CIS Marking Scheme Import
File: WSC2022SE\_53\_Cloud\_Computing\_marking\_scheme.xlsx

Version: Date:



| If less than 4 seconds full marks If larger than 10 full marks Availability >90% Availability 80% ~ 90% Availability 70% ~ 80% Availability 60% ~ 70% Availability 30% ~ 60%   | < 4 seconds  | 6666666               | 0.50<br>1.00<br>0.50<br>0.50<br>0.50<br>0.50                 |
|--|--|-----------------------|--|
| Players 1 to 3 on the score board get 1.5 point Players 4 to 6 on the score board get 1 point Players 7 and 8 on the score board get 0.5 point All other players get 0 point   |  | 6                     | 1.50   |
| Completed Less than all Clues used mean full marks, All Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clu   | Yes/No<br>Yes/No   | 1<br>1<br>1<br>1<br>6 | 0.50<br>0.50<br>1.00<br>1.00<br>1.50                         |
| Players 1 to 3 on the score board get 1.5 point Players 4 to 6 on the score board get 1 point Players 7 and 8 on the score board get 0.5 point All other players get 0 point   |  |                       |  |
| Completed Less than all Clues used mean full marks, All Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clue Completed Less than all Clues used mean full marks, More than 2 Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 clues | Yes/No<br>Yes/No<br>Yes/No<br>Yes/No<br>Yes/No<br>Yes/No | 3 3 3 3 3 3 6         | 0.50<br>0.50<br>1.00<br>1.00<br>0.50<br>0.50<br>1.00<br>1.50 |
| Players 1 to 3 on the score board get 1.5 point Players 4 to 6 on the score board get 1 point Players 7 and 8 on the score board get 0.5 point All other players get 0 point   |  |                       |  |



| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)  | Requirement<br>(Measurement<br>Only) | WSOS<br>Section  | Calculation<br>Row<br>(Export only) | Max<br>Mark                  | Criterion F | Total<br>Mark | 5.00 |
|---|--------------------------------------|------------------|-------------------------------------|------------------------------|-------------|---------------|------|
| Completed Less than all Clues used mean full marks, All Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 cl | Yes/No<br>Yes/No                     | 1<br>1<br>1<br>1 |                                     | 0.50<br>0.50<br>0.50<br>1.00 |             |               |      |
| Completed Less than all Clues used mean full marks, All Completed <= 2 Clues used mean full marks, more than 2 Completed <=1 Clues used mean full marks, more than 1 Completed 0 Clues used mean full marks, more than 0 cl | Yes/No<br>Yes/No                     | 1<br>1<br>1<br>1 |                                     | 0.50<br>0.50<br>0.50<br>1.00 |             |               |      |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)  | Requirement<br>(Measurement<br>Only) | WSOS<br>Section  | Calculation<br>Row<br>(Export only) | Max<br>Mark                  | Criterion G | Total<br>Mark | 0.00 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)  | Requirement<br>(Measurement<br>Only) | WSOS<br>Section  | Calculation<br>Row<br>(Export only) | Max<br>Mark                  | Criterion H | Total<br>Mark | 0.00 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)  | Requirement<br>(Measurement<br>Only) | WSOS<br>Section  | Calculation<br>Row<br>(Export only) | Max<br>Mark                  | Criterion I | Total<br>Mark | 0.00 |



Competition Total Mark 100.00