

## Article Review Checklist

### Questions to guide the reviewer in assessment of the paper:

Please provide examples and evidence for responses, do not simply answer yes or no.

No'	Topic and content:	Yes	No	Explain
<b>Title:</b>				
1.	Does the title reflect the contents of the article?	( )	( )	
<b>Abstract:</b>				
2.	To what extent does the abstract reflect aspects of the study: background, objectives, methods, findings and conclusion?	( )	( )	
<b>Introduction / Background:</b>				
3.	Is the study rationale adequately described?	( )	( )	
<b>Objectives:</b>				
4.	Are the study objectives clearly stated and defined?	( )	( )	
<b>Methodology:</b>				
5.	To what extent is the study design appropriate and adequate for the objectives?	( )	( )	
6.	Is the sample size appropriate and adequately justified?	( )	( )	
7.	Is the sampling technique appropriate and adequately described?	( )	( )	
8.	How well are the methods and instruments of data collection described?	( )	( )	
9.	How well are techniques to minimize bias/errors documented?	( )	( )	

<b>Ethical Consideration:</b>		<b>Yes</b>	<b>No</b>	<b>Explain</b>
10.	If there are issues related to ethics, are they adequately described? (For human studies, has ethical approval been obtained?)	( )	( )	
<b>Analysis and Results:</b>				
11.	Are the methods adequately described?	( )	( )	
12.	Are the methods of data analysis appropriate?	( )	( )	
13.	Do the results answer the research question?	( )	( )	
14.	Are the results credible?	( )	( )	
15.	Is statistical significance well documented (e.g. as confidence intervals or P-value)?	( )	( )	
16.	Are the findings presented logically with appropriate displays and explanations?	( )	( )	
<b>Discussion:</b>				
17.	How well are the key findings stated?	( )	( )	
18.	To what extent have differences or similarities with other studies been discussed and reasons for these given?	( )	( )	
19.	Are the findings discussed in the light of previous evidence?	( )	( )	
20.	Are the implications of these findings clearly explained?	( )	( )	
21.	Is the interpretation warranted by and sufficiently derived from and focused on the data and results?	( )	( )	
<b>Conclusion(s):</b>				
22.	Do the results justify the conclusion(s)?	( )	( )	

<b>References:</b>		<b>Yes</b>	<b>No</b>	<b>Explain</b>
23.	Are the references appropriate and relevant?	( )	( )	
24.	Are they up to date?	( )	( )	
25.	Are there any obvious, important references that should have been included and have not been?	( )	( )	
26.	Do the references follow the recommended style?	( )	( )	
27.	Are there any errors?	( )	( )	
<b>Writing:</b>				
28.	Is the paper clearly written?	( )	( )	
29.	Is the paper presented logically (e.g. correct information in each section, logical flow of arguments)?	( )	( )	
30.	Are there problems with the grammar / spelling / punctuation / language?	( )	( )	



Each item equals 3.3 points, the manuscript should obtain at least 80%, to be accepted in the journal of Middle East and North Africa Sciences.

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